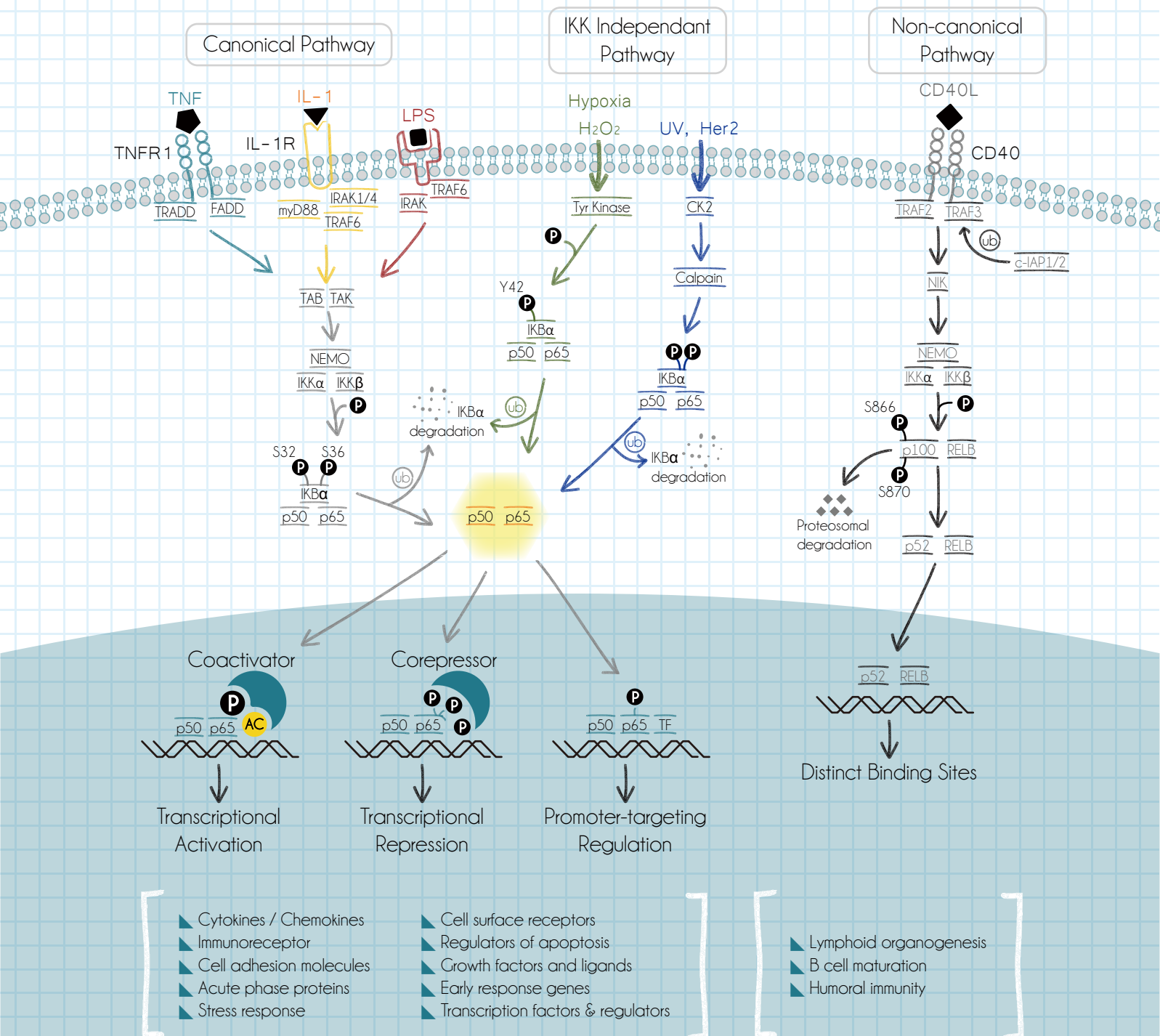




NFκB Pathway

Antibody • Duo • ELISA Kit

Nuclear factor kappa B (NFκB) is a protein complex that controls large number of genes responsible for the regulation of apoptosis, inflammation, tumorigenesis and a variety of immune responses. NF-κB is sensitive and responsive to stimuli such as cytokines, stress, UV, low oxygen, bacterial or viral infections.



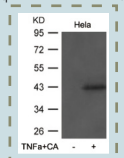
NFκB Signaling Pathway Related Products

Catalog No.	Product Name	Clonality	Applications	Reactivity
ARG54369	BAFF antibody	Rabbit pAB	WB, ICC/IF	H
ARG20070	BAFF antibody	Rabbit pAB	WB	H
ARG80154	BAFF ELISA Kit		ELISA	H E
ARG20066	Calpain1 antibody	Rabbit pAB	WB	H, M, R, Bo, P, Rb
ARG52619	Calpain1 antibody	Rabbit mAB	WB, IHC	H
ARG52770	CD40 antibody	Rabbit pAB	IHC	H
ARG80130	CD40L ELISA Kit		ELISA	H E
ARG54127	FADD antibody	Mouse mAB	WB	H
ARG51660	IKKα pY42 antibody	Rabbit pAB	WB, IHC	H, M, R
ARG54686	IKKβ antibody	Rabbit pAB	ELISA, ICC/IF, WB	H
ARG20319	IL-1α antibody	Rabbit pAB	WB, Neut	H
ARG80237	IL-1α ELISA Kit		ELISA	R E
ARG80204	IL-1α ELISA Kit		ELISA	M E
ARG80504	IL-1α ELISA Kit		ELISA	H E
ARG80712	IL-1β ELISA Kit		ELISA	R E
ARG80196	IL-1β ELISA Kit		ELISA	M E
ARG80503	IL-1β ELISA Kit		ELISA	H E
ARG54631	IRAK4 antibody	Rabbit pAB	WB, ICC/IF	H
ARG54348	MYD88 antibody	Rabbit pAB	WB	H, M, R
ARG51015	NFκB p100/p52 antibody	Rabbit pAB	WB, IHC	H, M, R
ARG51519	NFκB p100/p52 pS866 antibody	Rabbit pAB	WB, IHC, ICC/IF	H, M, R
ARG51520	NFκB p100/p52 pS870 antibody	Rabbit pAB	WB, IHC, ICC/IF	H, M, R
ARG51017	NFκB p105 antibody	Rabbit pAB	WB, IHC	H
ARG51276	NFκB p105 antibody	Rabbit pAB	WB, ICC/IF	H, M, R
ARG65677	NFκB p65 antibody	Mouse mAB	IHC, WB	H, M D
ARG51514	NFκB p65 pT254 antibody	Rabbit pAB	WB, IHC, ICC/IF	H, M, R
ARG51516	NFκB p65 pT435 antibody	Rabbit pAB	WB, IHC, ICC/IF	H, M, R
ARG51664	NFκB p65 pT505 antibody	Rabbit pAB	WB, IHC	H, M, R

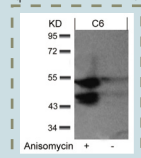
NF-κB Activation Antibody Panel (ARG30205)

Component cat no.	Component Name	Clonality	Applications	Reactivity	Package
ARG51780	IKKβ pY199	Rabbit pAB	ICC/IF	H, M, R	50 μl
ARG54059	IκBα antibody (N-term)	Mouse mAB	WB	H, M	50 μl
ARG51850	p38 MAPK pT180/Y182	Rabbit pAB	WB	H, M, R	50 μl
ARG51807	JNK1/2/3 pT183/Y185	Rabbit pAB	WB, ICC/IF	H, M, R	50 μl
ARG51651	IκBα pS32/36	Rabbit pAB	WB, IHC, ICC/IF	H, M, R	50 μl

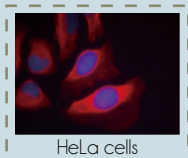
ARG51850
P38 MAPK
(pT180 / Y182)



ARG51807
JNK 1 / 2 / 3
(pT183 / Y185)



ARG51780
IKKβ pY199



Product Description:

Rel or NF-κappaB (NF-κB) proteins comprise a family of structurally-related eukaryotic transcription factors that are involved in the control of a large number of normal cellular and organismal processes, such as immune and inflammatory responses, developmental processes, cellular growth, and apoptosis.

Up-regulation of phospho-IKK, phospho-p38, phospho-JNK and down-regulation of IκBα is often associated with the activation of NF-κB downstream signaling pathway.

ARG65351

Goat anti-Rabbit IgG Antibody (HRP)

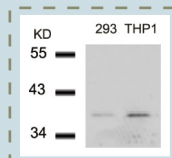


Hayden and Ghosh. (2012) Genes and Dev 26: 203-234
Baeuerle and Henkel. (1994) Ann Rev Immunol 12: 141-179

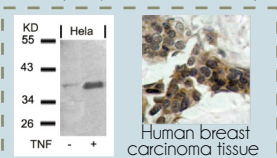
Phospho-IκBα Antibody Duo (Total, pS32/36) (ARG30037)

Component cat no.	Component Name	Clonality	Applications	Reactivity	Package
ARG51651	IκBα pS32/36	Rabbit pAB	WB, IHC, ICC/IF	H, M, R	50 μl
ARG54059	IκBα antibody (N-term)	Mouse mAB	WB	H, M	50 μl

ARG51160
IκBα antibody



ARG51651
IκBα pS32 / 36 antibody



Phospho-NFκB p65 Antibody Duo

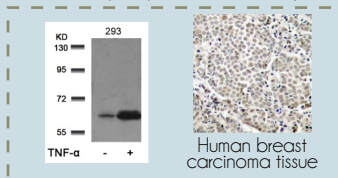
NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with RELA (p65). Four transcript variants encoding different isoforms have been found for RELA. (provided by RefSeq, Sep 2011)

NFκB (p65) has multiple phosphorylation site with different regulations and functions. Phosphorylation at Serine 536 is mediated by IKK beta and/or IKK alpha in the cytoplasm and it is required for p65 activation. Phosphorylation on Ser276 of p65 in the nucleus enhances its ability to recruit histone acetyltransferases such as cAMP response element-binding (CREB)-binding protein (CBP) and p300 and to displace p50-histone deacetylase (HDAC)-1 complexes from DNA. In addition, IL1 beta and TNF alpha stimulate p65 phosphorylated at Ser529 through CK2 protein.

ARG30029, ARG30030 and ARG30031 NFκB phosphor Duos include antibodies react total p65 protein and p65 phosphorylated at Ser276 or Ser529 or Ser536. It is useful for the user in p65 related functional studies.

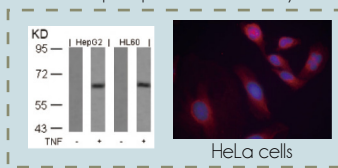
ARG51708

NFκB-p65 p-Ser529 antibody



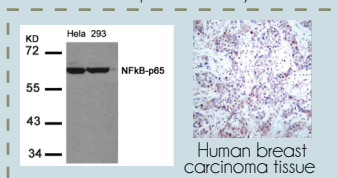
ARG51518

NFκB-p65 p-Ser536 antibody



ARG51013

NFκB p65 antibody



ARG30029

Phospho-NFκB Antibody Duo (pS529, pS536)

Component cat no.	Component Name	Clonality	Applications	Reactivity	Package
ARG51518	NFκB-p65 pS536 antibody	Rabbit pAb	WB, IHC-P, ICC/IF	H,M,R	50 μl
ARG51708	NFκB-p65 pS529 antibody	Rabbit pAb	WB, IHC-P, ICC/IF	H,M,R	50 μl

ARG30248

Phospho-NFκB Antibody Duo (Total, pS536)

Component cat no.	Component Name	Clonality	Applications	Reactivity	Package
ARG51013	NFκB p65 antibody	Rabbit pAb	WB, IHC-P	H,M,R	50 μl
ARG51518	NFκB p65 pSer536 antibody	Rabbit pAb	ICC/IF, IHC-P, WB	H,M,R	50 μl

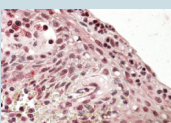
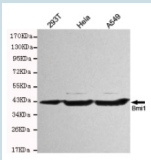
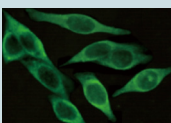
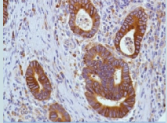
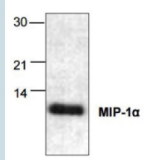
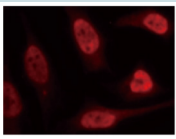
Catalog No.	Product Name	Clonality	Applications	Reactivity
ARG54322	NIK antibody	Rabbit pAb	WB, ELISA	H
ARG51741	RelB pS573 antibody	Rabbit pAb	WB, IHC	H, M
ARG54074	TAB1 antibody	Mouse mAb	WB	H
ARG63986	TAK1 antibody	Goat pAb	WB	H
ARG65482	TNF-alpha antibody	Mouse mAb	FACS, IHC, ICC/IF, FuncSt	H, Pri, P
ARG80241	TNF-alpha ELISA Kit		ELISA	R E
ARG80206	TNF-alpha ELISA Kit		ELISA	M E
ARG80120	TNF-alpha ELISA Kit		ELISA	H E
ARG65452	TNFR1 antibody	Mouse mAb	FACS, IP, IHC, FuncSt	H
ARG53680	TRADD antibody	Rabbit pAb	IHC	H
ARG64172	TRAF2 antibody	Goat pAb	WB, IHC	H
ARG20163	TRAF3 antibody	Rabbit pAb	WB	H, M, R

NFκB Target Genes

Catalog No.	Product Name	Clonality	Applications	Reactivity
ARG65612	Bax antibody	Rabbit pAb	ELISA, IHC-P, WB	H, M, R
ARG20424	Bcl-2 antibody	Rabbit pAb	WB, IHC, IP	H, M, R D
ARG51057	Bcl-xL antibody	Rabbit pAb	WB	H, M, R D
ARG20307	BDNF antibody	Rabbit pAb	WB	H D
ARG54406	Bim antibody	Rabbit pAb	WB, ICC/IF	H
ARG53981	Bmi1 antibody	Mouse mAb	WB	H
ARG80164	BMP-2 ELISA Kit		ELISA	H E

NFκB Target Genes

Catalog No.	Product Name	Clonality	Applications	Reactivity
ARG55523	BMP-4 antibody	Rabbit pAB	WB, IHC-P	H, M
ARG51034	c-MYC antibody	Rabbit pAB	WB, IHC	H, M, R
ARG52902	COX2 antibody	Rabbit mAB	IHC	H, M, R
ARG80195	CRP ELISA Kit		ELISA	H
ARG80825	EPO ELISA Kit		ELISA	H
ARG53974	Fibronectin antibody	Rabbit pAB	IHC	H
ARG63244	GATA3 antibody	Goat pAB	WB, IHC	H
ARG80143	G-CSF ELISA Kit		ELISA	H
ARG80229	GM-CSF ELISA Kit		ELISA	M
ARG80185	GRO beta / CXCL2 ELISA Kit		ELISA	H
ARG54038	ICAM-1 antibody	Mouse mAB	WB	H
ARG80116	IFN-gamma (HS) ELISA Kit		ELISA	H
ARG80493	IGFBP-2 ELISA Kit		ELISA	H
ARG53370	iNOS antibody	Rabbit pAB	IHC	H, M, R
ARG53340	IRF4 antibody	Rabbit mAB	WB, IHC	H
ARG80908	MIP-1 alpha ELISA kit		ELISA	R
ARG20345	MIP-1a antibody	Rabbit pAB	WB, IP	M, R
ARG80174	MIP2 ELISA kit		ELISA	H
ARG52352	NDMAR1 antibody	Mouse mAB	WB, IP	M, R
ARG62568	NGF antibody	Mouse mAB	ICC/IF, FACS, IHC	H, R, Rb, Cat, Fer, Pri
ARG62512	NRG1 antibody	Mouse mAB	WB, IP, IHC	H, M, R
ARG10519	p53 antibody [Pab1801]	Mouse mAB	ChIP, ELISA, FACS, ICC/IF, IHC, IP, RIA, WB	H, M, R
ARG65048	PRDM1/BLIMP1 antibody	Goat pAB	WB, IHC	H
ARG20190	P-selectin antibody	Rabbit pAB	WB, IHC	H, M, R
ARG65593	STAT5A antibody	Rabbit pAB	WB, IHC	H, M, R
ARG20161	TLR9 antibody	Rabbit pAB	WB	H, M, R, P
ARG80120	TNF-alpha ELISA kit		ELISA	H
ARG80134	VCAM1 ELISA kit		ELISA	H

<p>ARG65048 PRDM-1 antibody</p>  <p>Human tonsil</p>	<p>ARG53981 Bmi1 antibody</p> 	<p>ARG54038 ICAM1 antibody</p>  <p>Sw480 cells</p>	<p>ARG52901 COX-2 antibody</p>  <p>Human colon adenocarcinoma</p>	<p>ARG20345 MIP-1a antibody</p>  <p>MIP-1a</p>	<p>ARG51081 p53 antibody</p>  <p>HeLa cells</p>
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E ELISA Kits

D Duo/Panel also available

Species Reactivity: H- Human, M- Mouse, R- Rat, Rb- Rabbit, Pri- Primate, P- Pig, Mk- Monkey, Bo- Bovine



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