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Datasheet for ABIN1713673 anti-c-Rel antibody (pSer503)

Publication



Overview

Quantity:	100 µL
Target:	c-Rel
Binding Specificity:	pSer503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This c-Rel antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human C-REL around the phosphorylation site of Ser503
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

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c-Rel

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Target Details	
Alternative Name:	C-REL (c-Rel Products)
Background:	Synonyms: c-Rel phospho S503, c-Rel phospho Ser503, p-c-Rel phospho S503, p-c-Rel S503,
	Avian reticuloendotheliosis, C REL, C Rel protein, c Rel proto oncogene protein, Oncogene REL,
	Oncogene REL avian reticuloendotheliosis, REL, v rel avian reticuloendotheliosis viral oncogene
	homolog, v rel reticuloendotheliosis viral oncogene homolog.
	Background: The REL gene encodes c-Rel, a transcription factor that is a member of the
	Rel/NFKB family, which also includes RELA (MIM 164014), RELB (604758), NFKB1 (MIM
	164011), and NFKB2 (MIM 164012). These proteins are related through a highly conserved N-
	terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization,
	nuclear localization, and binding to the NFKB inhibitor (MIM 164008) (Belguise and Sonenshein,
	2007 [PubMed 18037997]).[supplied by OMIM, May 2008].
Gene ID:	5966
UniProt:	Q04864

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Lee, Lee, Kim, Kim, Yang, Jeong, Seong: "Radiation Inhibits Interleukin-12 Production via
	Inhibition of C-Rel through the Interleukin-6/ Signal Transducer and Activator of Transcription 3
	Signaling Pathway in Dendritic Cells." in: PLoS ONE , Vol. 11, Issue 1, pp. e0146463, (2016) (
	PubMed).

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