

c-Rel Polyclonal Antibody | anti-c-Rel antibody

Anti-c-Rel Antibody

CATALOG # AAA46404	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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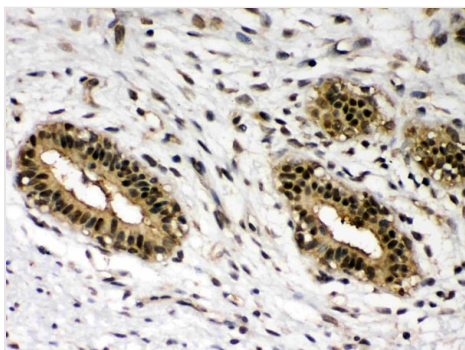
PRODUCT SYNONYMS

c-Rel; Polyclonal Antibody; Anti-c-Rel Antibody; Proto-oncogene c-Rel; Avian reticuloendotheliosis; C REL; C Rel protein; c Rel proto oncogene protein; Oncogene REL; Oncogene REL avian reticuloendotheliosis; REL; REL_HUMAN; v rel avian reticuloendotheliosis viral oncogene homolog; v rel reticuloendotheliosis viral oncogene homolog; V rel reticuloendotheliosis viral oncogene homolog (avian); v-rel avian reticuloendotheliosis viral oncogene homolog; anti-c-Rel antibody

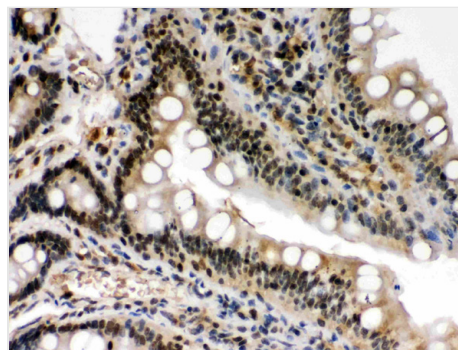
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	587
Applicable Applications for anti-c-Rel antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse c-Rel (268-306aa DQEVSESMDFRYLPDEKDAYGNKSKKQKTTLIFQKLLQD), different from the related human sequence by four amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

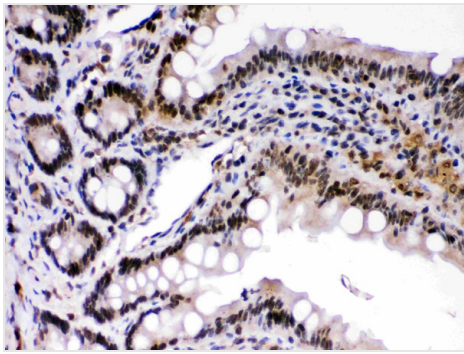
IMAGES



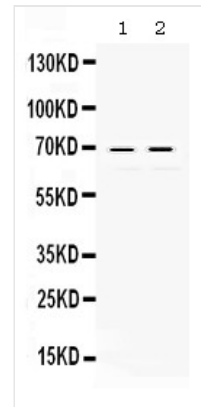
IHC (Immunohistochemistry)
Anti- c-Rel Picoband antibody, AAA46404,IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- c-Rel Picoband antibody, AAA46404,IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- c-Rel Picoband antibody, AAA46404,IHC(P)IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti- c-Rel Picoband antibody, AAA46404, Western blottingAll lanes: Anti c-Rel (AAA46404) at 0.5ug/mlLane 1: Rat Kidney Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugPredicted bind size: 69KDObserved bind size: 69KD

ADDITIONAL INFORMATION

Related Product Information for anti-c-Rel antibody	Description: Rabbit IgG polyclonal antibody for Proto-oncogene c-Rel(REL) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: The proto-oncogene c-Rel is a protein that in humans is encoded by the REL gene. This gene is mapped to chromosome 2p13-p12. The c-Rel protein is a member of the NF-kappaB family of transcription factors and contains a Rel homology domain (RHD) at its N-terminus and two C-terminal transactivation domains. c-Rel has an important role in B-cell survival and proliferation. The REL gene is amplified or mutated in several human B-cell lymphomas, including diffuse large B-cell lymphoma and Hodgkin's lymphoma.
References	1. Belguise, K., Sonenshein, G. E. PKC-theta promotes c-Rel-driven mammary tumorigenesis in mice and humans by repressing estrogen receptor-alpha synthesis. J. Clin. Invest. 117: 4009-4021, 2007. 2. Gilmore TD, Kalaitzidis D, Liang MC, Starczynowski DT (March 2004). "The c-Rel transcription factor and B-cell proliferation: a deal with the devil". Oncogene 23 (13): 2275-86. 3. Ruben SM, Klement JF, Coleman TA, Maher M, Chen CH, Rosen CA (Jun 1992). "I-Rel: a novel rel-related protein that inhibits NF-kappa B transcriptional activity". Genes Dev 6 (5): 745-60.

NCBI AND UNIPROT INFORMATION

NCBI GI #	585812
NCBI GeneID	19696
UniProt Accession #	P15307
Molecular Weight	64,960 Da
NCBI Official Full Name	Proto-oncogene c-Rel
NCBI Official Synonym Full Names	reticuloendotheliosis oncogene
NCBI Official Symbol	Rel
NCBI Official Synonym Symbols	c-Rel
NCBI Protein Information	proto-oncogene c-Rel
UniProt Protein Name	Proto-oncogene c-Rel
UniProt Gene Name	Rel
UniProt Entry Name	REL_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

