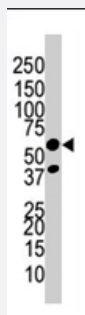


REL polyclonal antibody

Catalog # PAB4433

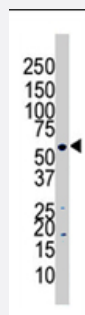
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of REL polyclonal antibody (Cat # PAB4433) in mouse kidney tissue lysate . REL (arrow) was detected using the purified REL polyclonal antibody (Cat # PAB4433) .



Western Blot (Cell lysate)

Western blot analysis of REL polyclonal antibody (Cat # PAB4433) in Jurkat cell line lysate . REL (arrow) was detected using the purified REL polyclonal antibody (Cat # PAB4433) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of REL.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human REL.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of REL polyclonal antibody (Cat # PAB4433) in mouse kidney tissue lysate . REL (arrow) was detected using the purified REL polyclonal antibody (Cat # PAB4433) .

- Western Blot (Cell lysate)

Western blot analysis of REL polyclonal antibody (Cat # PAB4433) in Jurkat cell line lysate . REL (arrow) was detected using the purified REL polyclonal antibody (Cat # PAB4433) .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — REL

Entrez GeneID	5966
Protein Accession#	NP_002899:Q04864
Gene Name	REL
Gene Alias	C-Rel
Gene Description	v-rel reticuloendotheliosis viral oncogene homolog (avian)
Omim ID	164910
Gene Ontology	Hyperlink

Gene Summary

The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFκB family, which also includes RELA (MIM 164014), RELB (604758), NFκB1 (MIM 164011), and NFκB2 (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 NFκB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 [PubMed 18037997]).[supplied by OMIM]

Other Designations

C-Rel proto-oncogene protein|oncogene REL, avian reticuloendotheliosis|v-rel avian reticuloendotheliosis viral oncogene homolog|v-rel reticuloendotheliosis viral oncogene homolog

Publication Reference

- [Specific NEMO mutations impair CD40-mediated c-Rel activation and B cell terminal differentiation.](#)

Jain A, Ma CA, Lopez-Granados E, Means G, Brady W, Orange JS, Liu S, Holland S, Derry JM.

The Journal of Clinical Investigation 2004 Dec; 114(11):1593.

Application: GSA, WB-Ce, Human, CD19+ B cells

- [Differential expression patterns of c-REL protein in classic and nodular lymphocyte predominant Hodgkin lymphoma.](#)

Xiao Q, Shen N, Hedvat CV, Moskowitz CH, Sussman LK, Filippa DA, Zelenetz AD, Houldsworth J, Chaganti RS, Teruya-Feldstein J.

Applied Immunohistochemistry & Molecular Morphology 2004 Sep; 12(3):211.

Application: IHC-P, WB, Human, Human Hodgkin lymphoma

- [Relationship between REL amplification, REL function, and clinical and biologic features in diffuse large B-cell lymphomas.](#)

Houldsworth J, Olshen AB, Cattoretti G, Donnelly GB, Teruya-Feldstein J, Qin J, Palanisamy N, Shen Y, Dyomina K, Petlakh M, Pan Q, Zelenetz AD, Dalla-Favera R, Chaganti RS.

Blood 2004 Mar; 103(5):1862.

Application: IF, IHC-P, WB, Human, Human diffuse large B-cell lymphomas

Disease

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