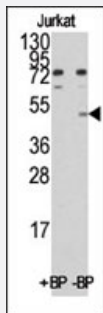


MINA polyclonal antibody

Catalog # PAB2203

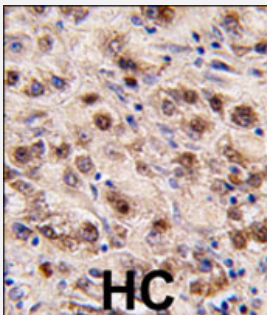
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of MINA polyclonal antibody (Cat # PAB2203) pre-incubated with and without blocking peptide (BP) in Jurkat cell line lysate. MINA (C-term) (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with MINA polyclonal antibody (Cat # PAB2203), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

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

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) 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 (Cell lysate)

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Gene Info — MINA

Entrez GeneID	84864
Protein Accession#	NP_116167;Q8IUJ8
Gene Name	MINA
Gene Alias	DKFZp762O1912, FLJ14393, MDIG, MINA53, NO52
Gene Description	MYC induced nuclear antigen
Gene Ontology	Hyperlink
Gene Summary	MINA is a c-Myc (MYC; MIM 190080) target gene that may play a role in cell proliferation or regulation of cell growth. (Tsuneoka et al., 2002 [PubMed 12091391]; Zhang et al., 2005 [PubMed 15897898]).[supplied by OMIM]
Other Designations	mineral dust induced gene protein myc-induced nuclear antigen, 53 kDa

Publication Reference

- [NO66, a highly conserved dual location protein in the nucleolus and in a special type of synchronously replicating chromatin.](#)

Eilbracht J, Reichenzeller M, Hergt M, Schnolzer M, Heid H, Stohr M, Franke WW, Schmidt-Zachmann MS.

Molecular Biology of the Cell 2004 Apr; 15(4):1816.

- [Increased expression of a Myc target gene Mina53 in human colon cancer.](#)

Teye K, Tsuneoka M, Arima N, Koda Y, Nakamura Y, Ueta Y, Shirouzu K, Kimura H.

The American Journal of Pathology 2004 Jan; 164(1):205.

Application: IF, WB, Human, HeLa, Human colon cancer, SW-620 cells

- [A novel myc target gene, mina53, that is involved in cell proliferation.](#)

Tsuneoka M, Koda Y, Soejima M, Teye K, Kimura H.

The Journal of Biological Chemistry 2002 Jun; 277(38):35450.

Application: IF, Human, Rat, 3Y1, HeLa cells