

Rabbit anti-Human MINPP1 Polyclonal Antibody | anti-MINPP1 antibody

MINPP1 Antibody (C-term)

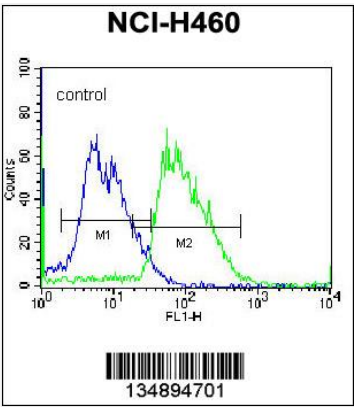
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289556	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

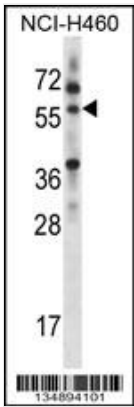
MINPP1; Polyclonal Antibody; MINPP1 Antibody (C-term); Multiple inositol polyphosphate phosphatase 1; 3-bisphosphoglycerate 3-phosphatase; 3-BPG phosphatase; Inositol (1; 5)-tetrakisphosphate 3-phosphatase; Ins(1; 5)P(4) 3-phosphatase; MIPP; anti-MINPP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MINPP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 370-398 amino acids from the C-terminal region of human MINPP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	370-398
Sequence Length	286
Applicable Applications for anti-MINPP1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MINPP1 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MINPP1 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the MINPP1 antibody detected the MINPP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MINPP1 antibody	This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolzye inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3 bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate; an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway.
Product Categories/Family for anti-MINPP1 antibody	Signal Transduction
References	Newman, A.B., et al. J. Gerontol. A Biol. Sci. Med. Sci. 65(5):478-487(2010) Cho, J., et al. Proc. Natl. Acad. Sci. U.S.A. 105(16):5998-6003(2008) Lamesch, P., et al. Genomics 89(3):307-315(2007) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010986
NCBI GeneID	9562
NCBI Accession #	NP_001171588.1; NP_001171589.1; NP_004888.2
NCBI GenBank Nucleotide #	NM_001178117.1
UniProt Accession #	Q9UNW1; O95172; O95286; Q59EJ2; Q9UGA3; F5H683
Molecular Weight	55051
NCBI Official Full Name	multiple inositol polyphosphate phosphatase 1 isoform 2
NCBI Official Synonym Full Names	multiple inositol-polyphosphate phosphatase 1
NCBI Official Symbol	MINPP1
NCBI Official Synonym Symbols	MIPP; HIPER1; MINPP2
NCBI Protein Information	multiple inositol polyphosphate phosphatase 1
UniProt Protein Name	Multiple inositol polyphosphate phosphatase 1

UniProt Gene Name	MINPP1
UniProt Synonym Gene Names	MIPP; 2,3-BPG phosphatase; Ins(1,3,4,5)P(4) 3-phosphatase
UniProt Entry Name	MINP1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/minpp1-antibody-flow-cytometry-western-blot-elisa/289556>