

Rabbit anti-Human MPV17 Polyclonal Antibody | anti-MPV17 antibody

MPV17 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289993	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MPV17; Polyclonal Antibody; MPV17 Antibody (N-term); Protein Mpv17; anti-MPV17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MPV17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-50 amino acids from the N-terminal region of human MPV17.
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	24-50
Sequence Length	176
Applicable Applications for anti-MPV17 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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.

IMAGES



FCM/FACS (Flow Cytometry)

MPV17 Antibody (N-term) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with MPV17 Antibody (N-term), 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.



WB (Western Blot)

Western blot analysis of MPV17 Antibody (N-term) in Hela cell line lysates (35ug/lane).
MPV17 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MPV17 antibody	MPV17 is a mitochondrial inner membrane protein that is implicated in the metabolism of reactive oxygen species.
Product Categories/Family for anti-MPV17 antibody	Metabolism ; Signal Transduction
References	Iida,R., et.al., J. Biol. Chem. 278 (8), 6301-6306 (2003) Karasawa,M., et.al., Hum. Mol. Genet. 2 (11), 1829-1834 (1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505241
NCBI GeneID	4358
NCBI Accession #	NP_002428.1
NCBI GenBank Nucleotide #	NM_002437.4
UniProt Accession #	P39210 ; Q53SY2 ; Q96B08 ; D6W555 ; AAB25210
Molecular Weight	19733
NCBI Official Full Name	protein Mpv17
NCBI Official Synonym Full Names	MpV17 mitochondrial inner membrane protein
NCBI Official Symbol	MPV17
NCBI Official Synonym Symbols	SYM1; MTDPS6
NCBI Protein Information	protein Mpv17
UniProt Protein Name	Protein Mpv17
UniProt Gene Name	MPV17
UniProt Entry Name	MPV17_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/mpv17-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289993>