

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

MPV17 Antibody

CATALOG # AAA322946	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	---

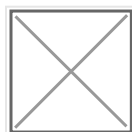
PRODUCT SYNONYMS

MPV17; Polyclonal Antibody; MPV17 Antibody; Glomerulosclerosis; Mpv17; Mpv17 human homolog of glomerulosclerosis and nephrotic syndrome; Mpv17 mitochondrial inner membrane protein; MPV17_HUMAN; MTDPS6; Protein Mpv17; SYM1; anti-MPV17 antibody

PRODUCT SPECIFICATIONS

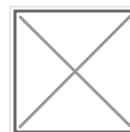
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MPV17 antibody detects endogenous levels of MPV17.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	176
Applicable Applications for anti-MPV17 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MPV17.
Subcellular Location	Mitochondrion
Tissue Specificity	Ubiquitous. Expressed in pancreas, kidney, muscle, liver, lung, placenta, brain and heart.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from rat brain, using MPV17 antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of extracts of mouse kidney tissue, using MPV17 antibody.



IHC (Immunohistochemistry)

AAA322946 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MPV17 antibody	Function: Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance. Similarity: Belongs to the peroxisomal membrane protein PXMP2/4 family.
---	---

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
Molecular Weight	Observed: 20 kD Predicted: 20 kDa
NCBI Official Full Name	protein Mpv17
NCBI Official Synonym Full Names	mitochondrial inner membrane protein MPV17
NCBI Official Symbol	MPV17
NCBI Official Synonym Symbols	SYM1; MTDPS6
NCBI Protein Information	protein Mpv17
UniProt Protein Name	Protein Mpv17
UniProt Gene Name	MPV17

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mpv17-antibody-immunohistochemistry-western-blot-elisa/322946>