

Rabbit anti-Human, mouse PXMP3 Polyclonal Antibody | anti-PEX2 antibody

PXMP3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284610	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PXMP3; Polyclonal Antibody; PXMP3 Antibody (Center); Peroxisome biogenesis factor 2; 35 kDa peroxisomal membrane protein; Peroxin-2; Peroxisomal membrane protein 3; Peroxisome assembly factor 1; PAF-1; RING finger protein 72; PEX2; PAF1; PMP3; PMP35; RNF72; anti-PEX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PXMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-194 amino acids from the Central region of human PXMP3.
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	165-194
Sequence Length	305
Applicable Applications for anti-PEX2 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)

PXMP3 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with PXMP3 Antibody (Center), 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 PXMP3 Antibody (Center) in mouse cerebellum tissue lysates (35ug/lane). PXMP3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX2 antibody	PXMP3 encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The protein is thought to be involved in peroxisomal matrix protein import.
Product Categories/Family for anti-PEX2 antibody	Signal Transduction
References	Steinberg,S., et.al., Mol. Genet. Metab. 83 (3), 252-263 (2004) Biermanns,M., et.al., Eur. J. Cell Biol. 82 (4), 155-162 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506343
NCBI GeneID	5828
NCBI Accession #	NP_000309.1 ; NP_001073336.1 ; NP_001165557.1 ; NP_001165558.1
NCBI GenBank Nucleotide #	NM_000318.2
UniProt Accession #	P28328 ; Q567S6 ; Q9BW41
Molecular Weight	34843
NCBI Official Full Name	peroxisome biogenesis factor 2
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 2
NCBI Official Symbol	PEX2
NCBI Official Synonym Symbols	PAF1; PMP3; ZWS3; PBD5A; PBD5B; PMP35; PXMP3; RNF72
NCBI Protein Information	peroxisome biogenesis factor 2
UniProt Protein Name	Peroxisome biogenesis factor 2
UniProt Gene Name	PEX2
UniProt Synonym Gene Names	PAF1; PMP3; PMP35; PXMP3; RNF72; PAF-1
UniProt Entry Name	PEX2_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/pxmp3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284610>