

Rabbit anti-Human, mouse M6PR Polyclonal Antibody | anti-M6PR antibody

M6PR Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288499	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

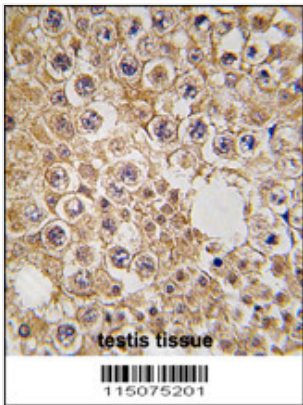
PRODUCT SYNONYMS

M6PR; Polyclonal Antibody; M6PR Antibody (N-term); Cation-dependent mannose-6-phosphate receptor; CD Man-6-P receptor; CD-MPR; 46 kDa mannose 6-phosphate receptor; MPR 46; MPR46; MPRD; anti-M6PR antibody

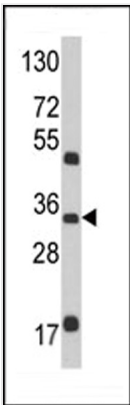
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This M6PR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-63 amino acids from the N-terminal region of human M6PR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	35-63
Sequence Length	277
Applicable Applications for anti-M6PR antibody	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



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with M6PR 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 M6PR Antibody (N-term) in mouse brain tissue lysates (35ug/lane). M6PR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-M6PR antibody	M6PR is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane.
Product Categories/Family for anti-M6PR antibody	Immunology; Signal Transduction
References	Perez-Victoria,F.J., Mol. Biol. Cell 19 (6), 2350-2362 (2008) Mari,M., Traffic 9 (3), 380-393 (2008) Lemansky,P., J. Leukoc. Biol. 81 (4), 1149-1158 (2007) Chen,J.J., Cell 119 (7), 915-926 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505061
NCBI GeneID	4074
NCBI Accession #	NP_002346.1
NCBI GenBank Nucleotide #	NM_002355.3
UniProt Accession #	P20645; A8K528; D3DUV5
Molecular Weight	30993
NCBI Official Full Name	cation-dependent mannose-6-phosphate receptor isoform 1
NCBI Official Synonym Full Names	mannose-6-phosphate receptor (cation dependent)
NCBI Official Symbol	M6PR
NCBI Official Synonym Symbols	SMPR; MPR46; CD-MPR; MPR 46; MPR-46
NCBI Protein Information	cation-dependent mannose-6-phosphate receptor
UniProt Protein Name	Cation-dependent mannose-6-phosphate receptor
UniProt Gene Name	M6PR
UniProt Synonym Gene Names	MPR46; MPRD; CD Man-6-P receptor; CD-MPR; MPR 46

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/m6pr-antibody-immunohistochemistry-western-blot-elisa/288499>