

Rabbit M6PR Polyclonal Antibody | anti-M6PR antibody

M6PR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199271	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

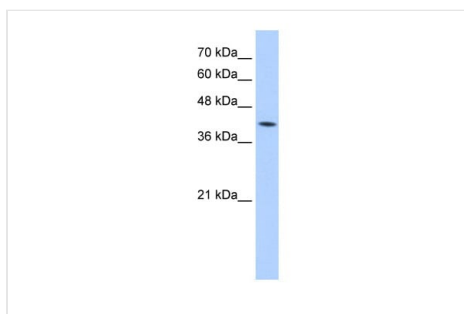
PRODUCT SYNONYMS

M6PR; Polyclonal Antibody; M6PR antibody - N-terminal region; anti-M6PR antibody

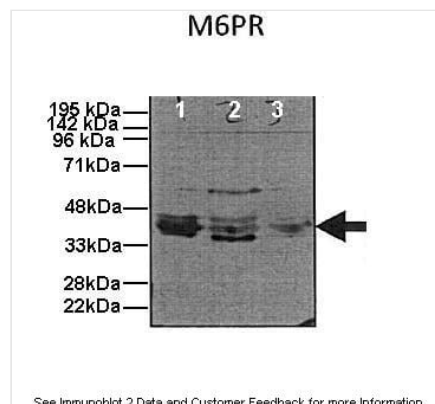
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RL KPLFNKSFES TVGQGSPTYI YIFRVCREAG NHTSGAGLVQ INKSNGKE
Sequence Length	277
Applicable Applications for anti-M6PR antibody	WB (Western Blot)
Homology	Cow: 85%; Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human M6PR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-M6PR Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

Human, Mouse

ADDITIONAL INFORMATION

Related Product Information for anti-M6PR antibody	This is a rabbit polyclonal antibody against M6PR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. The protein encoded by this gene 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	Polyclonal; Signal Proteins; Membrane Protein; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505061
NCBI GeneID	4074
NCBI Accession #	NP_002346
NCBI GenBank Nucleotide #	NM_002355
UniProt Accession #	P20645
Molecular Weight	28kDa
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; CD-M6PR
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.