

Rabbit anti-Human Cation-dependent mannose-6-phosphate receptor Polyclonal Antibody | anti-M6PR antibody

Rabbit anti-human Cation-dependent mannose-6-phosphate receptor polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118190	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

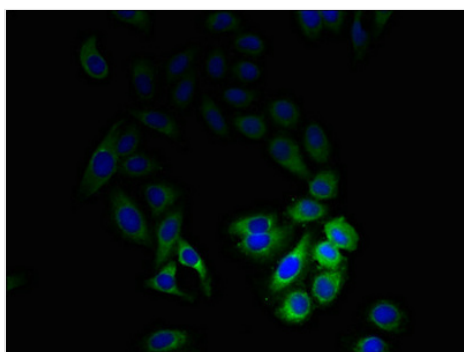
PRODUCT SYNONYMS

Cation-dependent mannose-6-phosphate receptor; Polyclonal Antibody; Rabbit anti-human Cation-dependent mannose-6-phosphate receptor polyclonal Antibody; anti-M6PR antibody

PRODUCT SPECIFICATIONS

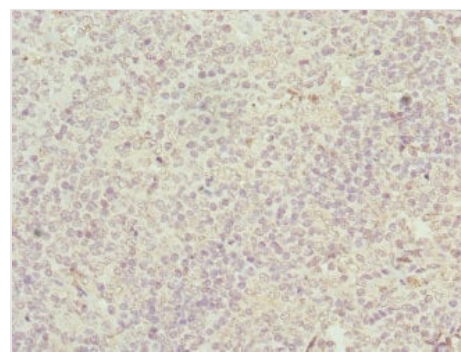
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	277
Applicable Applications for anti-M6PR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS
Conjugate	Non-conjugated
Immunogen	Recombinant human Cation-dependent mannose-6-phosphate receptor protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34575 / sc-34574 / sc-66826
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



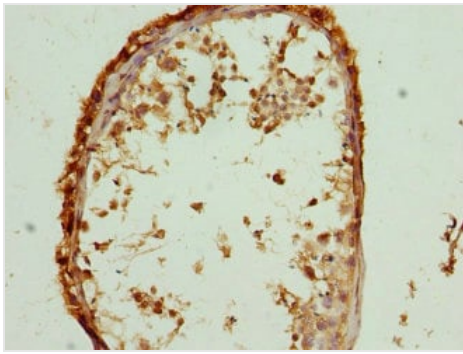
IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA118190 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA118190 at dilution 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human testis tissue using AAA118190 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-M6PR antibody	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.
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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	30,993 Da
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
UniProt Entry Name	MPRD_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.