

M6PR Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2700a

Specification

M6PR Antibody (internal region) - Product Information

Application	E
Primary Accession	P20645
Other Accession	NP_002346.1 , 4074 , 17113 (mouse) , 312689 (rat)
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	30993

M6PR Antibody (internal region) - Additional Information

Gene ID 4074

Other Names

Cation-dependent mannose-6-phosphate receptor, CD Man-6-P receptor, CD-MPR, 46 kDa mannose 6-phosphate receptor, MPR 46, M6PR, MPR46, MPRD

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

M6PR Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

M6PR Antibody (internal region) - Protein Information

Name M6PR

Synonyms MPR46, MPRD

Function

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.

Cellular Location

Lysosome membrane; Single-pass type I membrane protein

M6PR Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

M6PR Antibody (internal region) - Images**M6PR Antibody (internal region) - References**

HCG increases trophoblast migration in vitro via the insulin-like growth factor-II/mannose-6 phosphate receptor. Zygmunt M, McKinnon T, Herr F, Lala PK, Han VK. Mol Hum Reprod. 2005 Apr;11(4):261-7. Epub 2005 Mar 4. PMID: 15749784