

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

Dilution

E~~N/A

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