

[Go to Product page](#)

Datasheet for ABIN350474 **anti-M6PR antibody**

Overview

Quantity:	500 µg
Target:	M6PR
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This M6PR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from mouse M6PR conjugated to blue carrier protein was used as the antigen.
Isotype:	IgG
Specificity:	Specific for MPRD.
Cross-Reactivity:	Human, Marmoset, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	M6PR
Alternative Name:	Mannose 6 Phosphate Receptor (M6PR Products)

Target Details

Background: 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. SUBUNIT: Homodimer. Binds GGA1, GGA2 and GGA3. SUBCELLULAR LOCATION: Lysosome membrane, Single-pass type I membrane protein.,Subcellular Markers,CD Man-6-P receptor, CD-MPR, 46 kDa mannose 6-phosphate receptor, MPR 46, Cation-dependent mannose-6-phosphate receptor, M6pr, 46mpr

UniProt: [P24668](#)

Application Details

Application Notes: IHC, WB. Use at a concentration of 10-50 µg/ml. The optimal dilution should be determined by the end user. Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months