

Datasheet for ABIN350472  
**anti-M6PR antibody**



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## Overview

Quantity:	500 µg
Target:	M6PR
Reactivity:	Mouse
Host:	Rabbit
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 ( <a href="#">M6PR Products</a> )

## Target Details

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**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

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**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

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**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