

Datasheet for ABIN2781302
anti-M6PR antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	M6PR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This M6PR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human M6PR
Sequence:	RLKPLFNKSF ESTVGQGSdT YIYIFRVCRE AGNHTSGAGL VQINKSNGKE
Predicted Reactivity:	Cow: 85%, Dog: 86%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against M6PR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	M6PR
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Target Details

Alternative Name:	M6PR (M6PR Products)
Background:	<p>M6PR is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane. The protein encoded by this gene is a receptor for mannose-6-phosphate groups on lysosomal enzymes. The receptor forms a homodimer or homotetramer for intracellular targeting of lysosomal enzymes and export of newly synthesized lysosomal enzymes into the cell secretions. The receptor is an integral membrane protein which localizes to the trans-Golgi reticulum, endosomes, and the plasma membrane.</p> <p>Alias Symbols: CD-MPR, FLJ32994, MPR46, SMPR, MPR 46, MPR-46</p> <p>Protein Interaction Partner: FBXO6, ATP4A, SNRPGP15, HPDL, RPS28, RPL37A, RPL6, RANBP2, NDUFS4, NDUFB4, ACP2, ACOX1, GGA3, GGA1, JUN, UBC, GGA2, PLIN3, REN,</p> <p>Protein Size: 277</p>
Molecular Weight:	28 kDa
Gene ID:	4074
NCBI Accession:	NM_002355 , NP_002346
UniProt:	P20645

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 277 AA
Restrictions:	For Research Use only

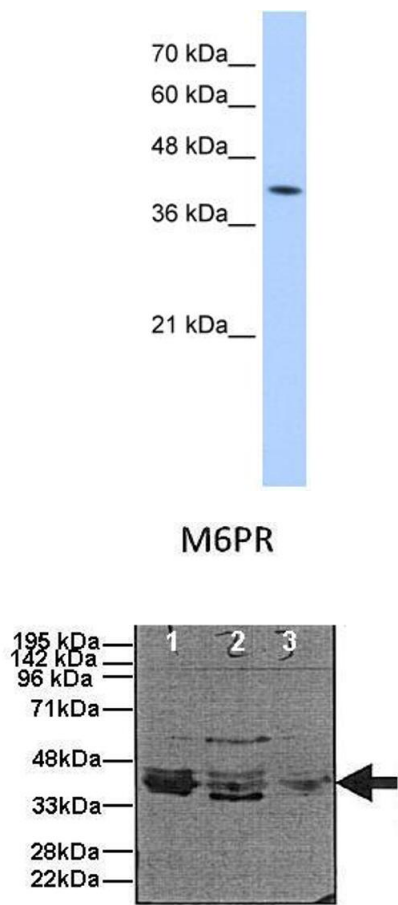
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-M6PR Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate

Western Blotting

Image 2. Human, Mouse

See Immunoblot 2 Data and Customer Feedback for more Information