



## Anti-M6PR polyclonal antibody (DPAB-DC1879)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the specific transport of mannose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. The encoded protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X.
<b>Immunogen</b>	A synthetic peptide corresponding to human M6PR. The sequence is KGGDEYDNHCGKEQ
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">M6PR mannose-6-phosphate receptor (cation dependent) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	M6PR
<b>Synonyms</b>	M6PR; mannose-6-phosphate receptor (cation dependent); SMPR; MPR46; CD-MPR; MPR 46; MPR-46; cation-dependent mannose-6-phosphate receptor; Mr 46,000 Man6PR; CD Man-6-P receptor; small mannose 6-phosphate receptor; 46-kDa mannose 6-phosphate receptor;
<b>Entrez Gene ID</b>	<a href="#">4074</a>
<b>Protein Refseq</b>	<a href="#">NP_001193953</a>
<b>UniProt ID</b>	<a href="#">F5GX30</a>
<b>Chromosome Location</b>	12p13
<b>Pathway</b>	Clathrin derived vesicle budding; Lysosome; Membrane Trafficking; Phagosome
<b>Function</b>	mannose binding; mannose transmembrane transporter activity; transmembrane signaling receptor activity;