

## Product datasheet

# Anti-M6PR (cation dependent) antibody ab107561

1 Image

### Overview

<b>Product name</b>	Anti-M6PR (cation dependent) antibody
<b>Description</b>	Rabbit polyclonal to M6PR (cation dependent)
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide between C terminal amino acids 236-268 of Human Mannose 6 Phosphate Receptor (Cation dependent) (NP_002346.1), conjugated to KLH.
<b>Positive control</b>	A549 cell line lysates

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab107561** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 31 kDa.

## Target

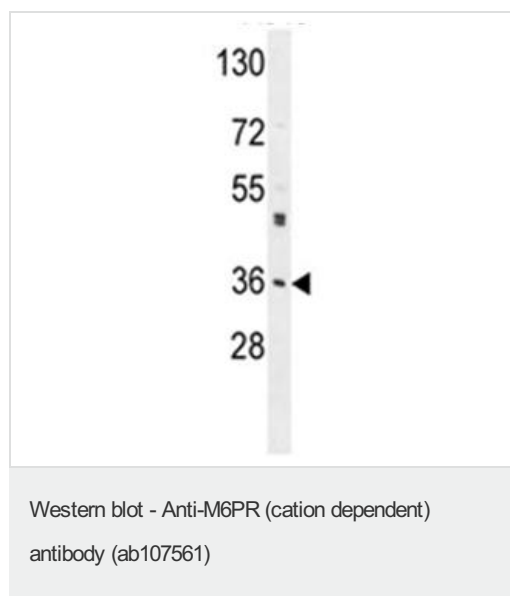
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<b>Function</b>	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.
<b>Domain</b>	The extracellular domain is homologous to the repeating units (of approximately 147 AA) of the cation-independent mannose 6-phosphate receptor.
<b>Cellular localization</b>	Lysosome membrane.

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## Images

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Anti-M6PR (cation dependent) antibody  
(ab107561) at 1/50 dilution + A549 cell line  
lysates at 35 µg

**Predicted band size:** 31 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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