


Product datasheet

Anti-MTMR12 antibody ab94444

1 Image

Overview

<b>Product name</b>	Anti-MTMR12 antibody
<b>Description</b>	Rabbit polyclonal to MTMR12
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal sequence amino acids 540 - 589 (LYVEKPKLDKGQRKGMRFKHQRQLSLPLTQSKSSPKRGFFREETDHLIKN) of Human MTMR12 (NP_001035536) <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	COLO205 cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab94444** in the following tested applications.

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

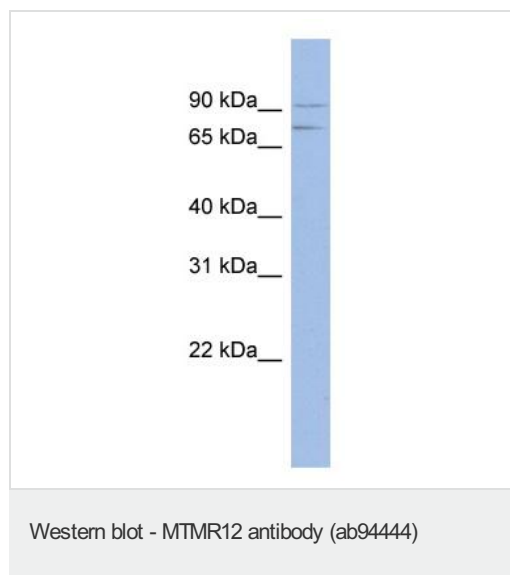
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 86 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

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## Target

<b>Function</b>	Catalytically inactive phosphatase that plays a role as an adapter for the phosphatase myotubularin to regulate myotubularin intracellular location.
<b>Tissue specificity</b>	Ubiquitous with prominent expression in brain, heart, kidney, placenta, and lung.
<b>Sequence similarities</b>	Belongs to the protein-tyrosine phosphatase family. Non-receptor class myotubularin subfamily. Contains 1 myotubularin phosphatase domain.
<b>Cellular localization</b>	Cytoplasm. Localizes to punctate vesicles when associated with MTM1.

## Images



Anti-MTMR12 antibody (ab94444) at 1 µg/ml  
(in 5% skim milk / PBS buffer) + COLO205  
cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size : 86 kDa**

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

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