

Product datasheet

Anti-TMEM49 antibody ab116006

1 Image

Overview

<b>Product name</b>	Anti-TMEM49 antibody
<b>Description</b>	Rabbit polyclonal to TMEM49
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 376-406 of Human TMEM49 (NP_112200.2).
<b>Positive control</b>	HepG2 cell line lysate.

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 Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab116006 was purified through a Protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab116006** in the following tested applications.

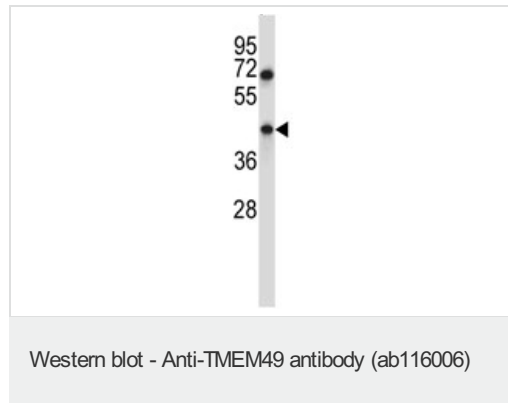
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 46 kDa.

Target

<b>Function</b>	Stress-induced protein that, when overexpressed, promotes formation of intracellular vacuoles followed by cell death. May be involved in the cytoplasmic vacuolization of acinar cells during the early stage of acute pancreatitis. Plays a role in the initial stages of the autophagic process through its interaction with BECN1 (By similarity). Involved in cell-cell adhesion. Plays an essential role in formation of cell junctions.
<b>Sequence similarities</b>	Belongs to the VMP1 family.
<b>Cellular localization</b>	Endoplasmic reticulum-Golgi intermediate compartment membrane. Cell membrane. Vacuole membrane. Endoplasmic reticulum.

## Images



Anti-TMEM49 antibody (ab116006) at 1/100 dilution + HepG2 cell line lysate at 35 µg

**Predicted band size : 46 kDa**

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

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