




## Product datasheet

### Anti-VIP36 antibody ab224227

4 Images

#### Overview

<b>Product name</b>	Anti-VIP36 antibody
<b>Description</b>	Rabbit polyclonal to VIP36
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Dog 
<b>Immunogen</b>	Recombinant fragment corresponding to Human VIP36 aa 1-200. Database link: <a href="#">Q12907</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: VIP36 overexpression HEK-293T lysate. IHC-P: Human testis tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab224227 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 0.04 - 0.4 µg/ml. Predicted molecular weight: 40 kDa.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

### Function

Plays a role as an intracellular lectin in the early secretory pathway. Interacts with N-acetyl-D-galactosamine and high-mannose type glycans and may also bind to O-linked glycans. Involved in the transport and sorting of glycoproteins carrying high mannose-type glycans.

### Tissue specificity

Ubiquitous.

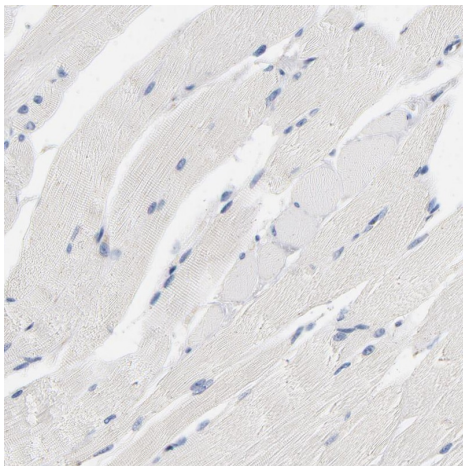
### Sequence similarities

Contains 1 L-type lectin-like domain.

### Cellular localization

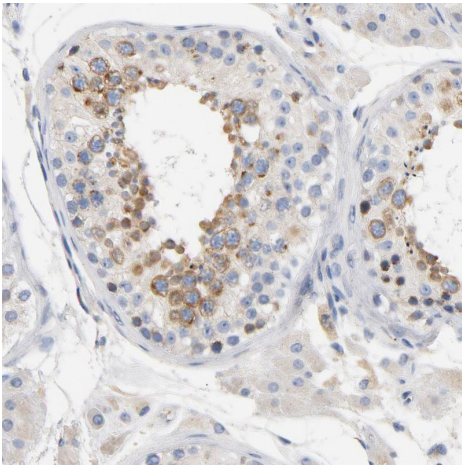
Endoplasmic reticulum-Golgi intermediate compartment membrane. Golgi apparatus membrane. Endoplasmic reticulum membrane.

## Images



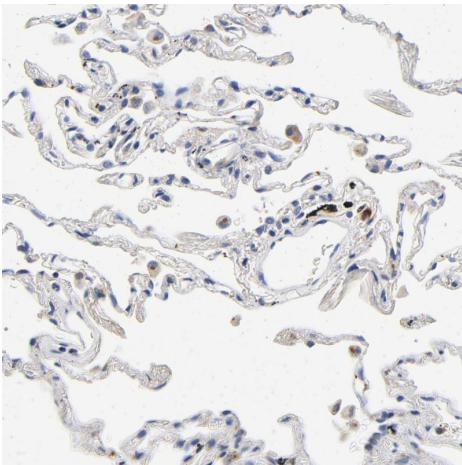
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VIP36 antibody (ab224227)

Paraffin-embedded human skeletal muscle stained for VIP36 using ab224227 at 1/50 dilution in immunohistochemical analysis. Shows no positivity in myocytes as expected.



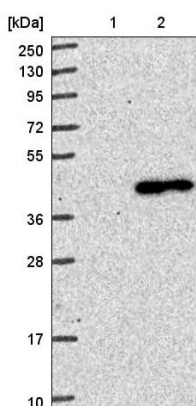
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VIP36 antibody (ab224227)

Paraffin-embedded human testis stained for VIP36 using ab224227 at 1/50 dilution in immunohistochemical analysis. Shows moderate cytoplasmic positivity in cells of the seminiferous duct.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VIP36 antibody (ab224227)

Paraffin-embedded human lungs stained for VIP36 using ab224227 at 1/50 dilution in immunohistochemical analysis. Shows weak to moderate cytoplasmic positivity in macrophages.



Western blot - Anti-VIP36 antibody (ab224227)

**All lanes :** Anti-VIP36 antibody (ab224227) at 1/100 dilution

**Lane 1 :** Vector only transfected HEK293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

**Lane 2 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) overexpressing VIP36 (co-expressed with a C terminal myc-DDK tag), cell lysate

Developed using the ECL technique.

**Predicted band size:** 40 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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