


## Product datasheet

### Anti-VAMP1 antibody ab41324

★★★★★ [1 Abreviews](#) [2 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-VAMP1 antibody
<b>Description</b>	Rabbit polyclonal to VAMP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat <b>Predicted to work with:</b> Cow, Human 
<b>Immunogen</b>	Synthetic peptide corresponding to Rat VAMP1 aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab41454</a> , <a href="#">ab4957</a> )
<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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS  Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab41324 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 mg/ml. Detects a band of approximately 17 kDa (predicted molecular weight: 13 kDa).

## Target

### Function

Involved in the targeting and/or fusion of transport vesicles to their target membrane.

### Tissue specificity

Nervous system, skeletal muscle and adipose tissue.

### Sequence similarities

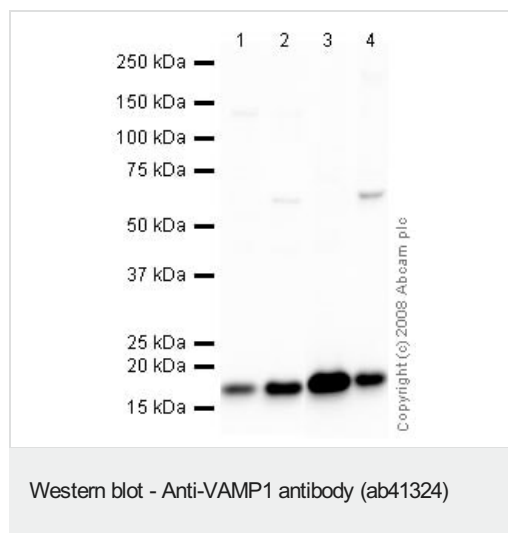
Belongs to the synaptobrevin family.

Contains 1 v-SNARE coiled-coil homology domain.

### Cellular localization

Mitochondrion outer membrane; Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome and Cytoplasmic vesicle membrane. Cell junction > synapse > synaptosome.

## Images



**All lanes :** Anti-VAMP1 antibody (ab41324) at 1 µg/ml

**Lane 1 :** Brain (Mouse) Tissue Lysate

**Lane 2 :** Brain (Rat) Tissue Lysate - normal tissue

**Lane 3 :** Spinal Cord (Mouse) Tissue Lysate

**Lane 4 :** Spinal Cord (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

**Predicted band size:** 13 kDa

**Observed band size:** 17 kDa

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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