

Product datasheet

Anti-VAMP2 antibody [EPR12790] (HRP)  $\alpha$ b198948

Recombinant RabMAb

1 Image

Overview

<b>Product name</b>	Anti-VAMP2 antibody [EPR12790] (HRP)
<b>Description</b>	Rabbit monoclonal [EPR12790] to VAMP2 (HRP)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<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 
<b>Immunogen</b>	Synthetic peptide within Human VAMP2 aa 1-100. The exact sequence is proprietary. Database link: <a href="#">P63027</a>
<b>Positive control</b>	WB: Human fetal brain lysate.
<b>General notes</b>	Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  This product is a <a href="#">recombinant rabbit monoclonal antibody</a> .

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. Stable for 12 months at -20°C. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Proclin Constituents: PBS, 1% BSA, 30% Glycerol
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR12790
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab198948** in the following tested applications.

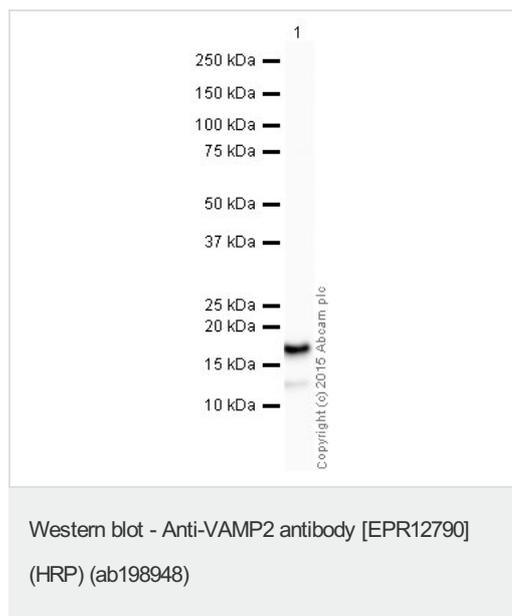
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 18 kDa (predicted molecular weight: 13 kDa).

## Target

<b>Function</b>	Involved in the targeting and/or fusion of transport vesicles to their target membrane.
<b>Tissue specificity</b>	Nervous system and skeletal muscle.
<b>Sequence similarities</b>	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.
<b>Cellular localization</b>	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome. Neuronal synaptic vesicles.

## Images



Anti-VAMP2 antibody [EPR12790] (HRP) (ab198948) at 1/5000 dilution + Brain (Human) Tissue Lysate - fetal normal tissue at 10 µg

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 13 kDa

**Observed band size:** 18 kDa

[why is the actual band size different from the predicted?](#)

**Exposure time:** 10 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab198948 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

**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**

---

- 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**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors