


Product datasheet

Anti-VAPA antibody [EPR13589(B)] - BSA and Azide free ab250322

Recombinant RabMAb

4 Images

Overview

Product name	Anti-VAPA antibody [EPR13589(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR13589(B)] to VAPA - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Orangutan 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250322 is the carrier-free version of ab181067.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR13589(B)
Isotype	IgG

Applications

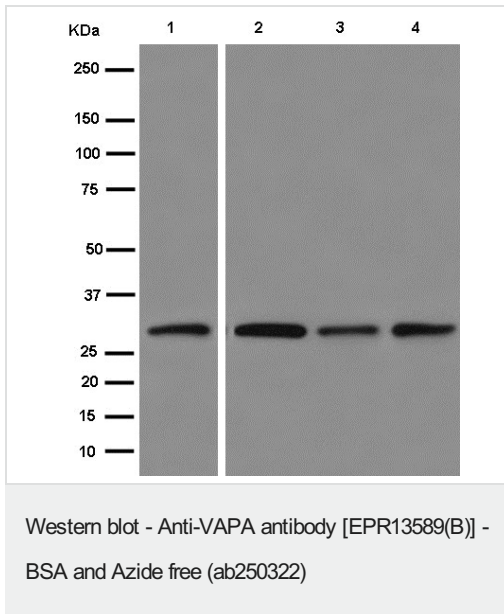
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250322 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).

Target

Function	May play a role in vesicle trafficking.
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the VAMP-associated protein (VAP) (TC 9.B.17) family. Contains 1 MSP domain.
Cellular localization	Endoplasmic reticulum membrane. Present in the plasma membrane and in intracellular vesicles, together with SNARE proteins. May also associate with the cytoskeleton. Colocalizes with OCLN at the tight junction in polarized epithelial cells.

Images



All lanes : Anti-VAPA antibody [EPR13589(B)] - N-terminal ([ab181067](#)) at 1/20000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : K562 cell lysate

Lane 3 : HEK293 cell lysate

Lane 4 : HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

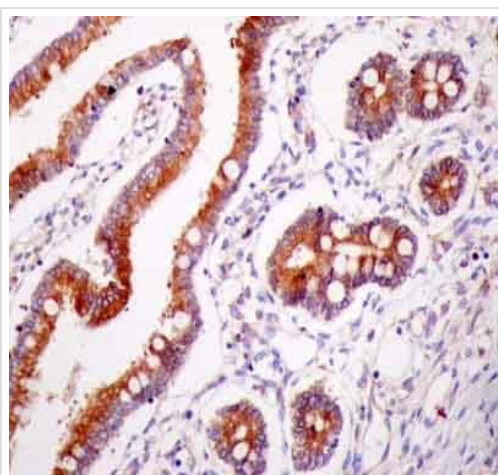
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

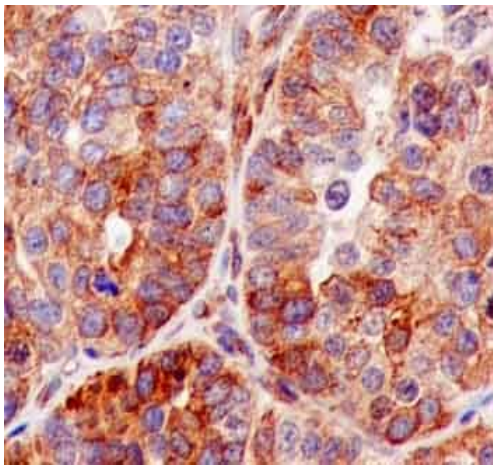
Predicted band size: 28 kDa

Observed band size: 28 kDa

This data was developed using [ab181067](#), the same antibody clone in a different buffer formulation.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VAPA antibody [EPR13589(B)] - BSA and Azide free (ab250322)

This data was developed using **ab181067**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of Human ovarian carcinoma, staining VAPA with **ab181067** at 1/100 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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