

Product datasheet

Anti-VILIP1 antibody [EPR9833] - BSA and Azide free ab188106

Recombinant RabMAb

8 Images

Overview

Product name	Anti-VILIP1 antibody [EPR9833] - BSA and Azide free
Description	Rabbit monoclonal [EPR9833] to VILIP1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: ICC/IF or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human VILIP1. The exact sequence is proprietary. Database link: P62760
Positive control	Human fetal brain and Human cerebellum lysates; Human brain and glioma tissues.
General notes	Ab188106 is the carrier-free version of ab151741 . This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes. Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency. 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. ab188106 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm. <i>Maxpar® is a trademark of Fluidigm Canada Inc.</i> This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents . Reproducibility is key to advancing scientific discovery and accelerating scientists' next

breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

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	EPR9833
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab188106** in the following tested applications.

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

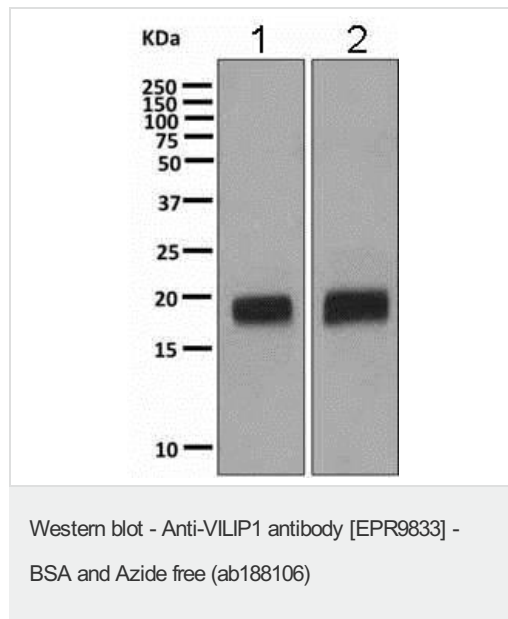
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 22 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Application notes Is unsuitable for ICC/IF or IP.

Target

Function	Regulates (in vitro) the inhibition of rhodopsin phosphorylation in a calcium-dependent manner.
Tissue specificity	Brain and retina. Neuron-specific in the central and peripheral nervous system. Increased in the cerebrospinal fluid of Alzheimer disease patients (at protein level).
Sequence similarities	Belongs to the recoverin family. Contains 4 EF-hand domains.

Images



All lanes : Anti-VILIP1 antibody [EPR9833] ([ab151741](#)) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Human cerebellum lysate

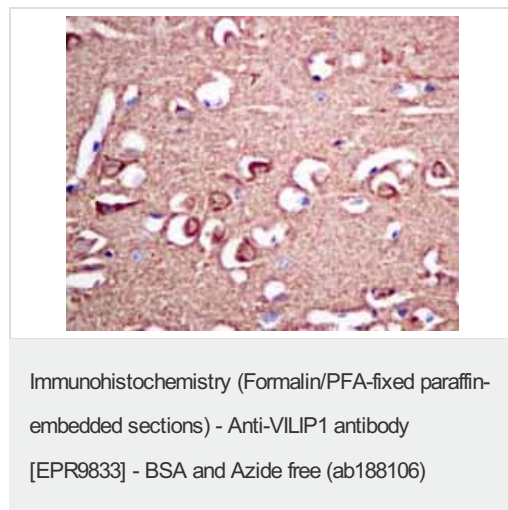
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

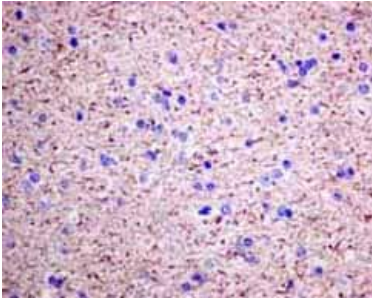
Predicted band size: 22 kDa

This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation.



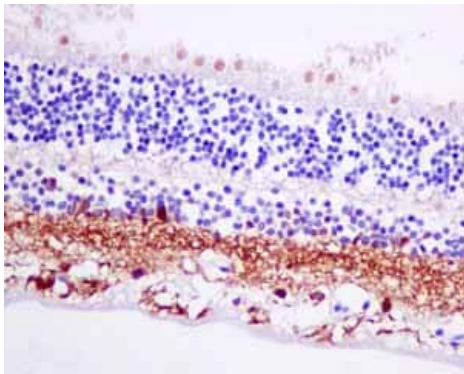
This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling VILIP1 with [ab151741](#) at 1/100 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] - BSA and Azide free (ab188106)

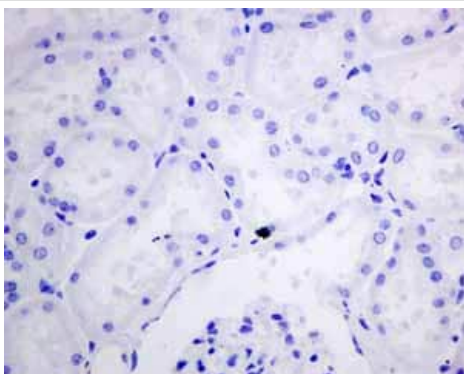
This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human glioma tissue labeling VILIP1 with [ab151741](#) at 1/100 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] - BSA and Azide free (ab188106)

This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human Retina tissue using [ab151741](#) showing +ve staining.

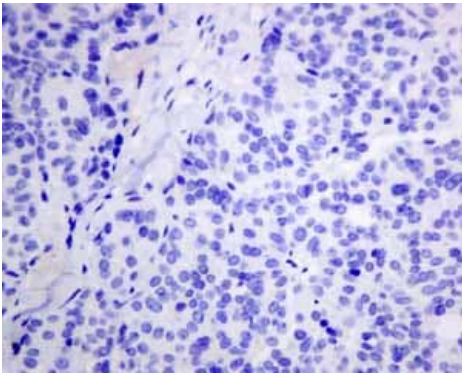
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] - BSA and Azide free (ab188106)

This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human kidney tissue using [ab151741](#) showing -ve staining.

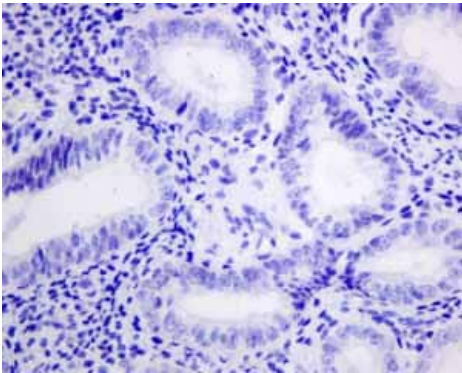
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] - BSA and Azide free (ab188106)

This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human Thyroid gland carcinoma tissue using [ab151741](#) showing -ve staining.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] - BSA and Azide free (ab188106)

This data was developed using [ab151741](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded normal Human uterus tissue using [ab151741](#) showing -ve staining.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?

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Research with confidence
Consistent and reproducible results
- 

Long-term and scalable supply
Recombinant technology
- 

Success from the first experiment
Confirmed specificity
- 

Ethical standards compliant
Animal-free production

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