


## Product datasheet

### Anti-VILIP1 antibody [EPR9833] ab151741

Recombinant RabMAb

[1 References](#) [8 Images](#)

#### Overview

Product name	Anti-VILIP1 antibody [EPR9833]
Description	Rabbit monoclonal [EPR9833] to VILIP1
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> ICC/IF or IP
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain and Human cerebellum lysates; Human brain and glioma tissues.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p>

#### Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9833

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151741 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		1/1000 - 1/10000. Predicted molecular weight: 22 kDa.
IHC-P		1/100 - 1/250. 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.

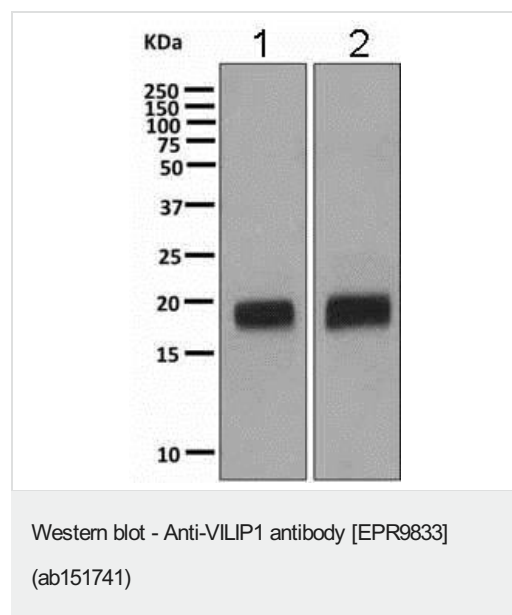
### Tissue specificity

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

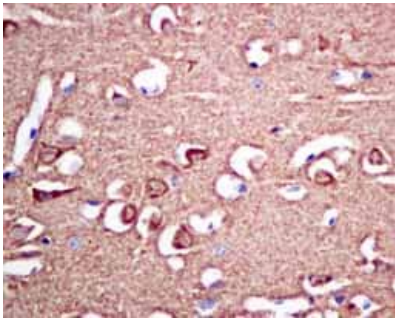
**Lane 2 :** Human cerebellum lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

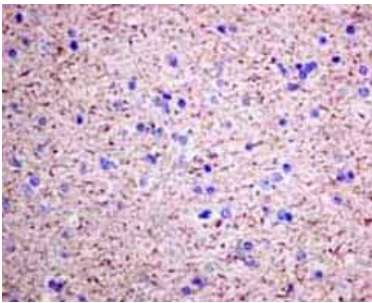
**Predicted band size:** 22 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] (ab151741)

Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling VILIP1 with ab151741 at 1/100 dilution.

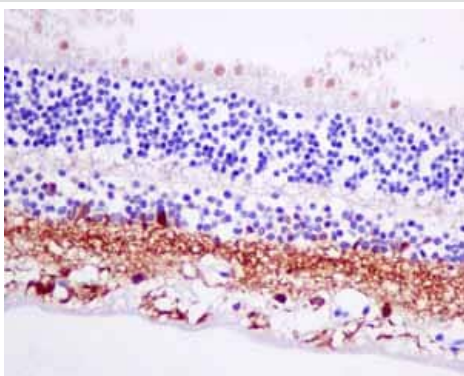
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] (ab151741)

Immunohistochemical analysis of paraffin-embedded Human glioma tissue labeling VILIP1 with ab151741 at 1/100 dilution.

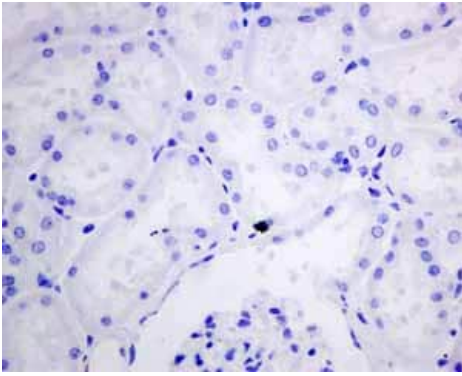
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] (ab151741)

Immunohistochemical analysis of paraffin embedded Human Retina tissue using ab151741 showing +ve staining.

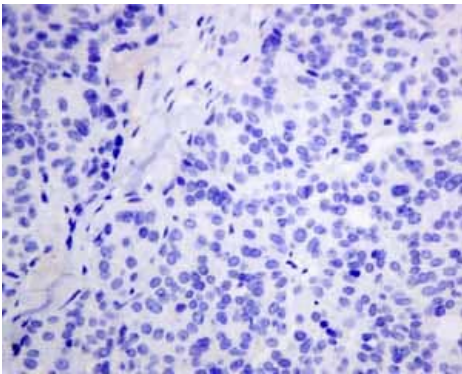
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] (ab151741)

Immunohistochemical analysis of paraffin embedded normal Human kidney tissue using ab151741 showing -ve staining.

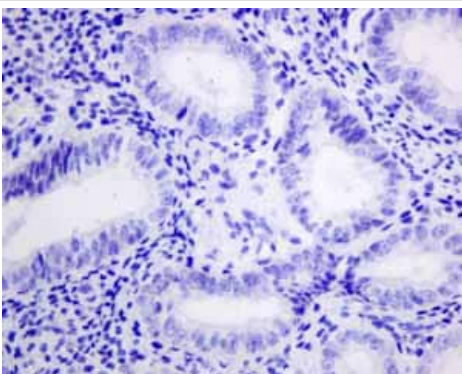
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody [EPR9833] (ab151741)

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] (ab151741)

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?



**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

Anti-VILIP1 antibody [EPR9833] (ab151741)

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

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