




Product datasheet

Anti-VILIP1 antibody ab190372

4 Images

Overview

Product name	Anti-VILIP1 antibody
Description	Chicken polyclonal to VILIP1
Host species	Chicken
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Cow, Pig Predicted to work with: Chicken, Cynomolgus monkey, Orangutan 
Immunogen	Recombinant full length protein (His-tag) corresponding to Human VILIP1 aa 1 to the C-terminus. purified from E. coli. Database link: P62760 <div>  Run BLAST with  Run BLAST with </div>
Positive control	IHC-P: Human cerebellum tissue. ICC/IF: Adult rat cerebellar cortex cells. WB: Rat brain, mouse brain, pig hippocampus, cow cerebellum lysates and rat brain homogenate.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Purity	IgY fraction
Clonality	Polyclonal
Isotype	IgY

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab190372 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 - 1/10000. Predicted molecular weight: 22 kDa.
ICC/IF		1/1000 - 1/2000.
IHC-P		1/5000.

Target

Function

Regulates (in vitro) the inhibition of rhodopsin phosphorylation in a calcium-dependent manner.

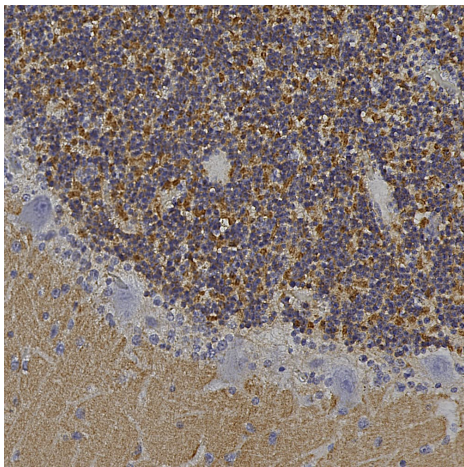
Tissue specificity

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

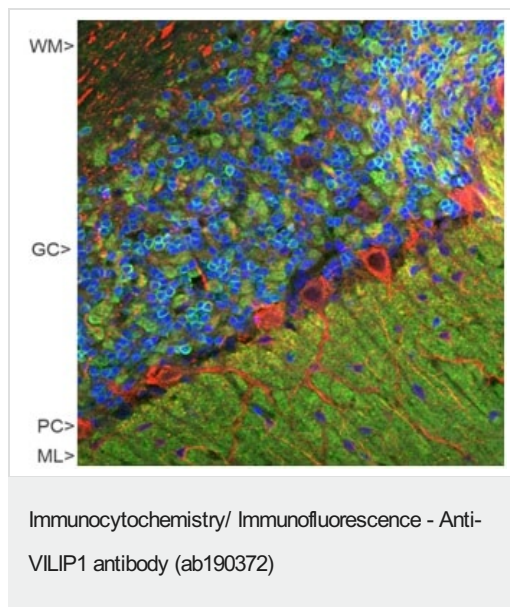
Belongs to the recoverin family.
Contains 4 EF-hand domains.

Images

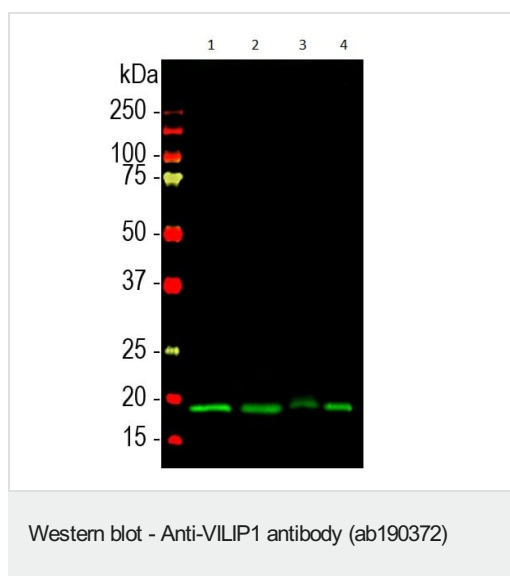


Chromogenic immunostaining of a formalin fixed paraffin embedded human cerebellum section with chicken pAb to visinin-like protein (VLP1), dilution 1/5000, detected in DAB (brown) following the ABC method. Hematoxylin (blue) was used as the counterstain. ab190372 labels granule cell membranes as well as synapses of the molecular and granular layers.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VILIP1 antibody (ab190372)



Confocal immunofluorescent analysis of adult rat cerebellar cortex labeling VILIP1 with ab190372 at 1/1000 dilution (green) followed by polyclonal antibody to NF-M (red) and DNA (blue). ML: molecular layer; GC: granule cell layer; PC: Purkinje cells; WM: white matter.



All lanes : Anti-VILIP1 antibody (ab190372) at 1/10000 dilution

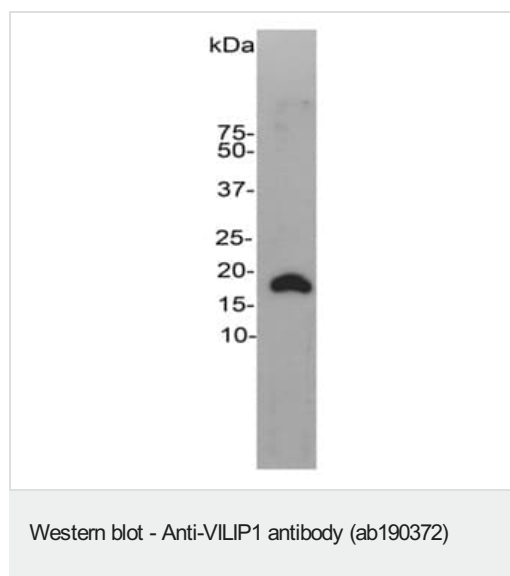
Lane 1 : Rat brain lysate

Lane 2 : Mouse brain lysate

Lane 3 : Pig hippocampus lysate

Lane 4 : Cow cerebellum lysate

Predicted band size: 22 kDa



Anti-VILIP1 antibody (ab190372) at 1/5000 dilution + rat brain homogenate

Predicted band size: 22 kDa

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

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- 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

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