Datasheet for ABIN5534818

anti-VSNL1 antibody (C-Term)

3 Images

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Overview

Quantity:	200 µL
Target:	VSNL1
Binding Specificity:	AA 123-150, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VSNL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This VILIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 123-150 amino acids from the C-terminal region of human VILIP1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	VSNL1
Alternative Name:	VILIP1 (VSNL1 Products)
Background:	The visinin and visinin-like peptides represent a family of calcium-binding proteins that are highly expressed in the retina. Visinin has been shown to be a cone cell-specific protein with a molecular weight of 24 kDa. Several members of the visinin family of genes have been isolated

Target Details

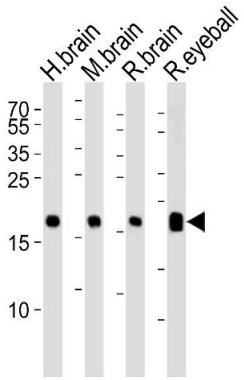
	and characterized from different species. These peptides are believed to be involved in the processes of phototransduction. The recoverin gene (RCV1) is believed to be involved in the pathophysiology of retinopathy in cancer patients.
Molecular Weight:	22 kDa
Gene ID:	7447
UniProt:	P62760

Application Details

Application Notes:	For WB starting dilution is: 1:1000 For IHC-P starting dilution is: 1:50~100
Restrictions:	For Research Use only

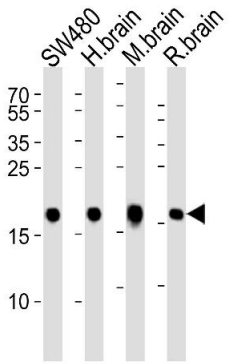
Handling

Format:	Liquid
Concentration:	2 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



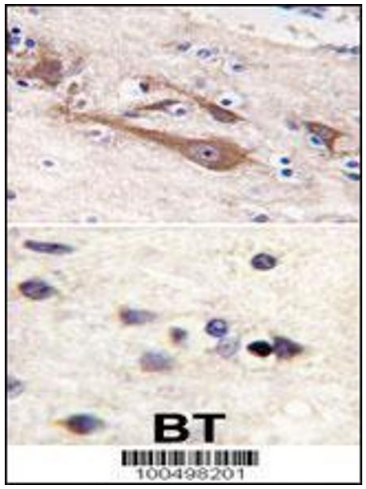
Western Blotting

Image 1. Western blot analysis of lysates from human brain, mouse brain, rat brain and rat eyeball tissue lysate (from left to right), using VILIP1 Antibody at 1:1000 at each lane.



Western Blotting

Image 2. Western blot analysis of lysates from SW480 cell line, human brain, mouse brain and rat brain tissue lysate(from left to right), using VILIP1 Antibody at 1:1000 at each lane.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with VILIP1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.