

Rabbit VILIP1 Polyclonal Antibody | anti-VSNL1 antibody

VILIP1 Antibody (C-term)

CATALOG # AAA284547	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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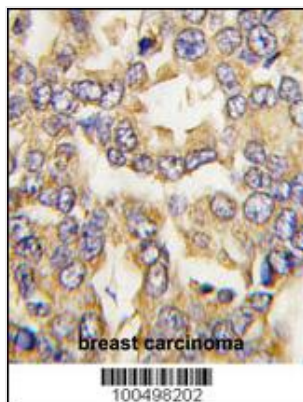
PRODUCT SYNONYMS

VILIP1; Polyclonal Antibody; VILIP1 Antibody (C-term); Visinin-like protein 1; VILIP; VLP-1; Hippocalcin-like protein 3; HLP3; VSNL1; VISL1; anti-VSNL1 antibody

PRODUCT SPECIFICATIONS

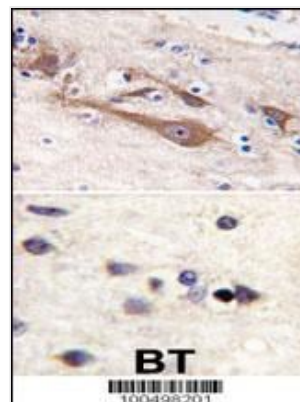
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VILIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 123-150 amino acids from the C-terminal region of human VILIP1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	191
Applicable Applications for anti-VSNL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Tissue Location	Brain and retina. Neuron-specific in the central and peripheral nervous system. Increased in the cerebrospinal fluid of Alzheimer disease patients (at protein level).
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



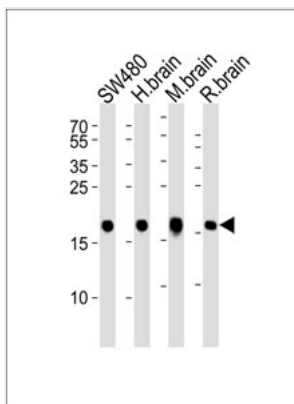
IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with VILIP1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



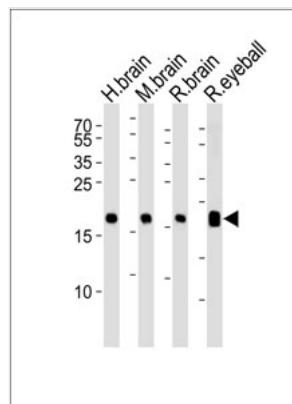
IHC (Immunohistochemistry)

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. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

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 (C-term). AAA284547 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)

Western blot analysis of lysates from human brain, mouse brain, rat brain and rat eyeball tissue lysate (from left to right), using VILIP1 Antibody (C-term). AAA284547 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-VSNL1 antibody	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 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.
Product Categories/Family for anti-VSNL1 antibody	Crown Antibodies ; Cancer ; Signal Transduction
References	Braunewell, K.H., et al., Neuropharmacology 44(6):707-715 (2003). Lin, L., et al., J. Biol. Chem. 277(44):41872-41878 (2002). Spilker, C., et al., J. Neurosci. 22(17):7331-7339 (2002). Bernstein, H.G., et al., Neuroreport 13(4):393-396 (2002). Lin, L., et al., Biochem. Biophys. Res. Commun. 296(4):827-832 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361559
NCBI GeneID	7447
NCBI Accession #	NP_003376.2
NCBI GenBank Nucleotide #	NM_003385.4
UniProt Accession #	P62760 ; P28677 ; P29103 ; P42323 ; Q9UM20 ; D6W515
Molecular Weight	22142
NCBI Official Full Name	visinin-like protein 1
NCBI Official Synonym Full Names	visinin-like 1
NCBI Official Symbol	VSNL1
NCBI Official Synonym Symbols	HLP3; VILIP; HPCAL3; HUVISL1; VILIP-1
NCBI Protein Information	visinin-like protein 1
UniProt Protein Name	Visinin-like protein 1
UniProt Gene Name	VSNL1
UniProt Synonym Gene Names	VISL1; VILIP; VLP-1; HLP3
UniProt Entry Name	VISL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vilip1-antibody-western-blot-immunohistochemistry-elisa/284547>