

Rabbit VSNL1 Polyclonal Antibody | anti-VSNL1 antibody

VSNL1 Antibody (Center)

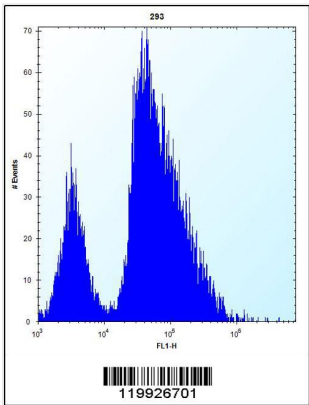
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287643	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat, Chicken, Monkey)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

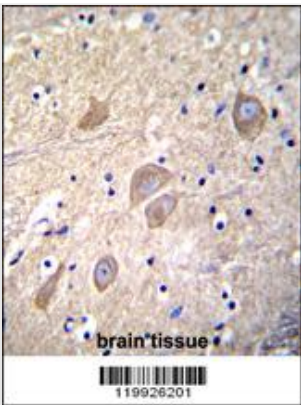
VSNL1; Polyclonal Antibody; VSNL1 Antibody (Center); Visinin-like protein 1; VILIP; VLP-1; Hippocalcin-like protein 3; HLP3; VISL1; anti-VSNL1 antibody

PRODUCT SPECIFICATIONS

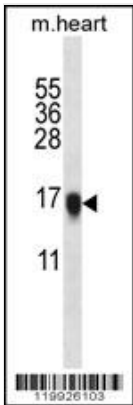
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat, Chicken, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VSNL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-75 amino acids from the Central region of human VSNL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	47-75
Sequence Length	191
Applicable Applications for anti-VSNL1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



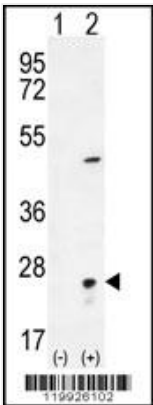
FCM/FACS (Flow Cytometry)
VSNL1 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
VSNL1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of VSNL1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
VSNL1 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the VSNL1 antibody detected the VSNL1 protein (arrow).



WB (Western Blot)
Western blot analysis of VSNL1 (arrow) using rabbit polyclonal VSNL1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the VSNL1 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-VSNL1 antibody	This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.
Product Categories/Family for anti-VSNL1 antibody	Cancer; Signal Transduction
References	Xu, Y., et al. Schizophr. Res. 119 (1-3), 219-227 (2010) : Buttgereit, J., et al. Regul. Pept. 161 (1-3), 51-57 (2010) : Fu, J., et al. J. Biol. Chem. 284(40):27577-27586(2009) Chen, K.C., et al. J. Pept. Sci. 15(2):89-94(2009) Zhao, C.J., et al. Mol. Cell. Neurosci. 40(2):280-292(2009)

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://www.aaabiotech.com/polyclonal/vsnl1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287643>