

Rabbit anti-Human, mouse VILIP3 Polyclonal Antibody | anti-HPCAL1 antibody

VILIP3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288188	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

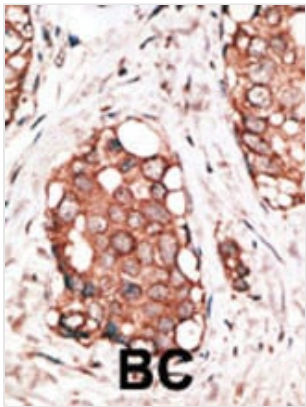
PRODUCT SYNONYMS

VILIP3; Polyclonal Antibody; VILIP3 Antibody (N-term); Hippocalcin-like protein 1; Calcium-binding protein BDR-1; HLP2; Visinin-like protein 3; VILIP-3; HPCAL1; BDR1; anti-HPCAL1 antibody

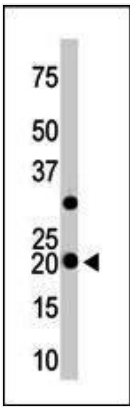
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VILIP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-32 amino acids from the N-terminal region of human VILIP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	2-32
Sequence Length	193
Applicable Applications for anti-HPCAL1 antibody	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.

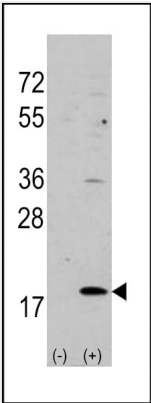
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma



WB (Western Blot)
The anti-VILIP3 Pab is used in Western blot to detect VILIP3 in mouse cerebellum tissue lysate.



WB (Western Blot)
Western blot analysis of VILIP3 (arrow) using rabbit polyclonal VILIP3 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the VILIP3 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-HPCAL1 antibody	VILIP3 is a member of neuron-specific calcium-binding proteins family found in the retina and brain. It is highly similar to human hippocalcin protein and nearly identical to the rat and mouse hippocalcin like-1 proteins. It may be involved in the calcium-dependent regulation of rhodopsin phosphorylation and may be of relevance for neuronal signalling in the central nervous system. There are two alternatively spliced transcript variants of this gene, with multiple polyadenylation sites. Transcript variant 1 utilizes a different exon and also lacks one exon in the 5' UTR, as compared to variant 2; thus, the encoded protein is the same.
Product Categories/Family for anti-HPCAL1 antibody	Neuroscience
References	Braunewell, K., et al., Dement Geriatr Cogn Disord 12(2):110-116 (2001). Bernstein, H.G., et al., J Neurocytol 28(8):655-662 (1999). Kobayashi, M., et al., Biochim. Biophys. Acta 1222(3):515-518 (1994). Hidaka, H., et al., Neurosci. Res. 16(2):73-77 (1993). Ivings, L., et al., Biochem. J. 363 (Pt 3), 599-608 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	385298701
NCBI GeneID	3241
NCBI Accession #	NP_001245286.1; NP_001245287.1; NP_001245288.1; NP_002140.2; NP_602293.1

NCBI GenBank Nucleotide #	NM_001258357.1
UniProt Accession #	P37235 ; Q969S5
Molecular Weight	22313
NCBI Official Full Name	hippocalcin-like protein 1
NCBI Official Synonym Full Names	hippocalcin-like 1
NCBI Official Symbol	HPCAL1
NCBI Official Synonym Symbols	BDR1; HLP2; VILIP-3
NCBI Protein Information	hippocalcin-like protein 1
UniProt Protein Name	Hippocalcin-like protein 1
UniProt Gene Name	HPCAL1
UniProt Synonym Gene Names	BDR1; VILIP-3
UniProt Entry Name	HPCL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/vilip3-antibody-immunohistochemistry-western-blot-elisa/288188>