



Datasheet for ABIN6923124  
**anti-VSNL1 antibody (AA 129-159)**



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## Overview

Quantity:	200 µL
Target:	VSNL1
Binding Specificity:	AA 129-159
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

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of VSNL1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 129-159 at C-terminus of human VSNL1.
Cross-Reactivity:	Human, Mouse

## Target Details

Target:	VSNL1
Alternative Name:	Visinin-like protein 1 / HLP3 ( <a href="#">VSNL1 Products</a> )
Gene ID:	7447

## Application Details

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Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)  
Western Blot (1:1000)  
The optimal working dilution should be determined by the end user.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: In PBS (0.09 % sodium azide)

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

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## Publications

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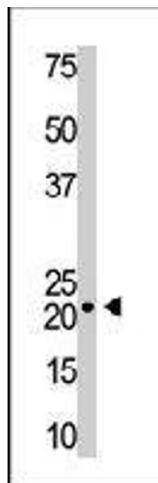
Product cited in: Liu, Yang, Fang, Yang, Cai, Wan, Chui, Han, Xing: "Upregulation of P2X3 receptors by neuronal calcium sensor protein VILIP-1 in dorsal root ganglions contributes to the bone cancer pain in rats." in: **Pain**, Vol. 154, Issue 9, pp. 1551-68, (2013) ([PubMed](#)).

Braunewell, Brackmann, Manahan-Vaughan: "Group I mGlu receptors regulate the expression of the neuronal calcium sensor protein VILIP-1 in vitro and in vivo: implications for mGlu receptor-dependent hippocampal plasticity?" in: **Neuropharmacology**, Vol. 44, Issue 6, pp. 707-15, (2003) ([PubMed](#)).

Spilker, Dresbach, Braunewell: "Reversible translocation and activity-dependent localization of the calcium-myristoyl switch protein VILIP-1 to different membrane compartments in living hippocampal neurons." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 22, Issue 17, pp. 7331-9, (2002) ([PubMed](#)).

Lin, Jeanclos, Treuil, Braunewell, Gundelfinger, Anand: "The calcium sensor protein visinin-like protein-1 modulates the surface expression and agonist sensitivity of the alpha 4beta 2 nicotinic acetylcholine receptor." in: **The Journal of biological chemistry**, Vol. 277, Issue 44, pp.

Images



**Western Blotting**

**Image 1.** The VSNL1 polyclonal antibody is used in Western blot to detect VILIP1 in mouse brain tissue lysate.



**Immunohistochemistry**

**Image 2.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with VSNL1 polyclonal antibody, 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.



**Immunohistochemistry**

**Image 3.** Formalin-fixed and paraffin-embedded human brain tissue reacted with VSNL1 polyclonal antibody, 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.