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Datasheet for ABIN1881987

anti-VAMP4 antibody (AA 61-90)

1 Image

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Overview

Quantity:	400 µL
Target:	VAMP4
Binding Specificity:	AA 61-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAMP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This VAMP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-90 amino acids from the Central region of human VAMP4.
Clone:	RB42648
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	VAMP4
Alternative Name:	VAMP4 (VAMP4 Products)

Target Details

Background: Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport.

Molecular Weight: 16397

NCBI Accession: [NP_001172056](#), [NP_003753](#)

UniProt: [O75379](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

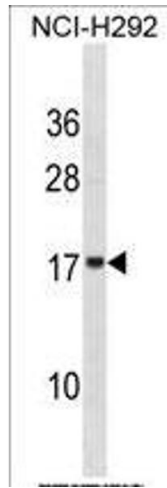
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

Product cited in: Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: **Biochemical pharmacology**, Vol. 155, pp. 479-493, (2019) ([PubMed](#)).



Western Blotting

Image 1. VP4 Antibody (Center) (ABIN1881987 and ABIN2839069) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the VP4 antibody detected the VP4 protein (arrow).