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Datasheet for ABIN2855296

anti-VAMP1 antibody

3 Images

Overview

Quantity:	100 µL
Target:	VAMP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human VAMP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to VAMP1 (vesicle-associated membrane protein 1 (synaptobrevin 1)) VAMP1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	VAMP1
Alternative Name:	vesicle associated membrane protein 1 (VAMP1 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. VAMP1 is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Multiple alternative splice variants that encode proteins with alternative carboxy ends have been described, but the full-length nature of some variants has not been defined.

Cellular Localization: Isoform 1: Cytoplasmic vesicle , secretory vesicle , synaptic vesicle membrane, Single-pass type IV membrane protein (By similarity) , Cell junction , synapse , synaptosome , Isoform 2: Cytoplasmic vesicle membrane, Single-pass type IV membrane protein (B

Molecular Weight: 13 kDa

Gene ID: 6843

UniProt: [P23763](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: NT2D1

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Images

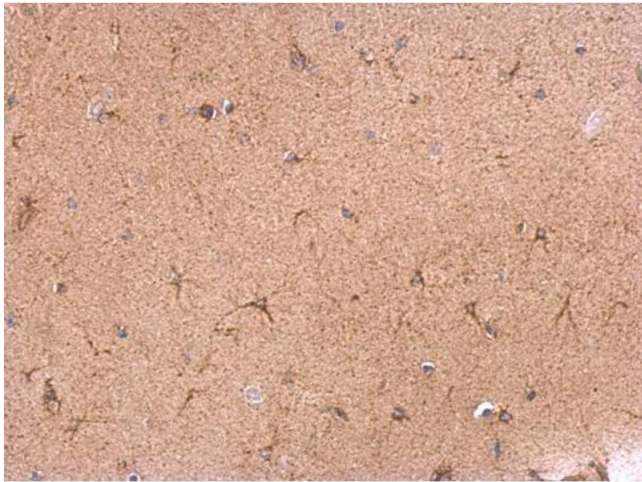
**Immunohistochemistry**

Image 1. IHC-P Image VAMP1 antibody detects VAMP1 protein at on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. VAMP1 antibody , dilution: 1:500.

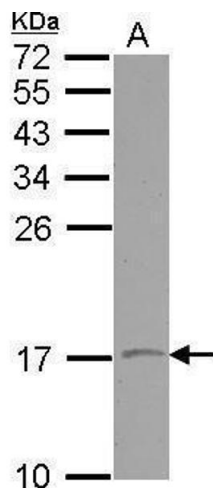
**Western Blotting**

Image 2. WB Image Sample (30 ug of whole cell lysate) A: NT2D1 15% SDS PAGE antibody diluted at 1:500

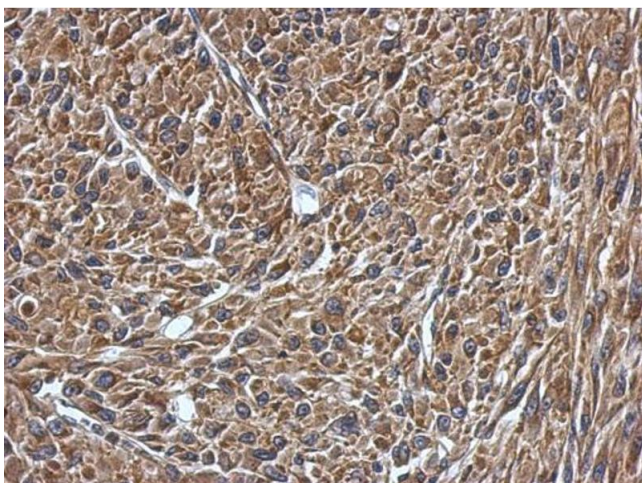
**Immunohistochemistry**

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded U87 xenograft, using VAMP1, antibody at 1:500 dilution.