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Datasheet for ABIN5012309

anti-VAPB antibody (AA 51-150) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	VAPB
Binding Specificity:	AA 51-150
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAPB antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VAPB
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	VAPB
Alternative Name:	VAPB (VAPB Products)

Target Details

Background: Synonyms: ALS 8, ALS8, D2Abb2e, UNQ484/PRO983, Vamp 33b, VAMP associated 33 kDa protein, VAMP associated protein B and C, VAMP associated protein B, VAMP associated protein B/C, VAMP associated protein C, VAMP B, VAMP B VAMP C, VAMP B/VAMP C, VAMP C, VAMP vesicle associated membrane protein associated protein B and C, Vamp33b, VAMPB, VAMPB/VAMPC, VAMPC, VAP 33b, VAP B, VAP B/VAP C, VAP C, VAP33b, VAPB/VAPC, VAPC antibody Vesicle associated membrane protein associated protein B and C, Vesicle associated membrane protein associated protein B/C, VAPB_HUMAN.

Background: VAPB contains 1 MSP domain and it may play a role in vesicle trafficking. Defects in VAPB are a cause of proximal adult autosomal dominant spinal muscular atrophy [MIM:182980], also called late onset spinal muscular atrophy Finkel type. Spinal muscular atrophies are neurodegenerative disorders characterized by degeneration of lower motor neurons, leading to progressive paralysis muscular atrophy. This form is a late adult onset form of the disease (after age 20 years). The patients show a benign course, most of them remaining ambulatory 10 to 40 years after clinical onset.

Gene ID: 9217

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months