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Datasheet for ABIN6991641 **anti-ANKRD27 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	ANKRD27
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	VARP antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human VARP. The immunogen is located within amino acids 50 - 100 of VARP.
Isotype:	IgG
Purification:	VARP Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ANKRD27
Alternative Name:	VARP (ANKRD27 Products)
Background:	VARP Antibody: The VPS9 ankyrin repeat protein (VARP) binds to the Rab21, a guanine nucleotide exchange factor that plays an essential role in endocytic trafficking. VARP localizes to early endosomes and is thought to regulate endosome dynamics. VARP also interacts with TI-VAMP/VAMP7, a vesicular SNARE that mediates an exocytic pathway that is crucial to

Target Details

neurite growth. Depletion of VARP by RNA interference impairs neurite growth, suggesting that VARP is a positive regulator of neurite growth.

Gene ID: 84079

NCBI Accession: [NP_115515](#)

UniProt: [Q96NW4](#)

Application Details

Application Notes: VARP antibody can be used for detection of EPAC1 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: VARP Antibody is supplied in PBS containing 0.02 % 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: -20 °C, 4 °C

Storage Comment: VARP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.