

Datasheet for ABIN1450167
anti-ANKRD27 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	ANKRD27
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD27 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid synthetic peptide near the amino terminus of Human VARP
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ANKRD27
Alternative Name:	ANKRD27 (ANKRD27 Products)
Background:	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 neurite growth. Depletion

Target Details

of VARP by RNA interference impairs neurite growth, suggesting that VARP is a positive regulator of neurite growth. Synonyms: Ankyrin repeat domain-containing protein 27, VPS9 domain-containing protein

Gene ID: 84079

NCBI Accession: [NP_115515](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

Preservative: Sodium azide

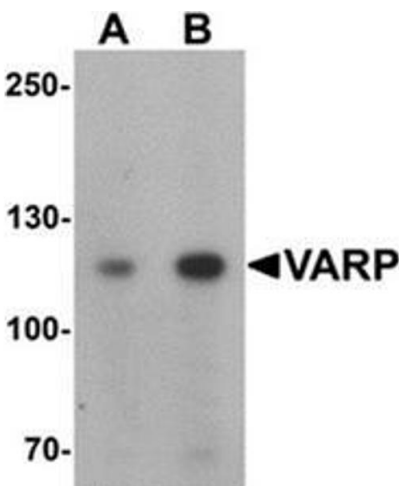
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Western Blotting

Image 1. Western blot analysis of VARP in K562 cell lysate with VARP Antibody at (A) 1 and (B) 2 µg/mL.