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Datasheet for ABIN7468118 **anti-ARHGEF9B antibody**

Overview

Quantity:	100 µL
Target:	ARHGEF9B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF9B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ARHGEF9. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ARHGEF9B
Alternative Name:	Cdc42 guanine nucleotide exchange factor 9 (ARHGEF9B Products)
Background:	Synonyms: Cdc42 guanine nucleotide exchange factor 9 , COLLYBISTIN , EIEE8 , HPEM-2 , PEM-2 , PEM2 Background: ARHGEF9 belongs to a family of Rho-like GTPases that act as molecular switches

Target Details

	by cycling from the active GTP-bound state to the inactive GDP-bound state. These proteins are key regulators of the actin cytoskeleton and are involved in cell signaling.[supplied by OMIM]
Molecular Weight:	61 kDa
Gene ID:	23229
UniProt:	O43307

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , HepG2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 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.