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Datasheet for ABIN7464628 **anti-PREX1 antibody**

Overview

Quantity:	100 µL
Target:	PREX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PREX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PREX1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PREX1
Alternative Name:	phosphatidylinositol-3,4,5-trisphosphate dependent Rac exchange factor 1 (PREX1 Products)
Background:	Phosphatidylinositol-3,4,5-trisphosphate dependent Rac exchange factor 1 , P-REX1, The protein encoded by this gene acts as a guanine nucleotide exchange factor for the RHO family of small GTP-binding proteins (RACs). It has been shown to bind to and activate RAC1 by exchanging

Target Details

	bound GDP for free GTP. The encoded protein, which is found mainly in the cytoplasm, is activated by phosphatidylinositol-3,4,5-trisphosphate and the beta-gamma subunits of heterotrimeric G proteins. [provided by RefSeq]
Molecular Weight:	186 kDa
Gene ID:	57580
UniProt:	Q8TCU6
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: human PREX1-transfected 293T cells (partial) Validation: Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (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.