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Datasheet for ABIN7163182

**anti-PREX2 antibody (AA 1417-1592) (Biotin)**

## Overview

Quantity:	100 µg
Target:	PREX2 (DEPDC2)
Binding Specificity:	AA 1417-1592
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PREX2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein (1417-1592AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PREX2 (DEPDC2)
Alternative Name:	PREX2 ( <a href="#">DEPDC2 Products</a> )
Background:	Background: Functions as a RAC1 guanine nucleotide exchange factor (GEF), activating Rac

## Target Details

proteins by exchanging bound GDP for free GTP. Its activity is synergistically activated by phosphatidylinositol 3,4,5-trisphosphate and the beta gamma subunits of heterotrimeric G protein. Mediates the activation of RAC1 in a PI3K-dependent manner. May be an important mediator of Rac signaling, acting directly downstream of both G protein-coupled receptors and phosphoinositide 3-kinase.

Aliases: 4 antibody, 5)-dependent Rac exchanger 2 antibody, 5-trisphosphate-dependent Rac exchanger 2 protein antibody, 6230420N16Rik antibody, DEP domain-containing protein 2 antibody, DEP.2 antibody, DEPDC2 antibody, FLJ12987 antibody, P-Rex2 antibody, Phosphatidylinositol 3 antibody, phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 antibody, phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein antibody, phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2 antibody, PREX2 antibody, PREX2\_HUMAN antibody, PtdIns(3 antibody, PtdIns(3,4,5)-dependent Rac exchanger 2 antibody

UniProt: [Q70Z35](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.