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Datasheet for ABIN571037

anti-PREX1 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	PREX1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PREX1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PREX1
Immunogen:	Peptide with sequence C-ERSNLPTDASTTA, from the internal region of the protein sequence according to NP_065871.2.
Sequence:	ERSNLPTDAS TTA
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

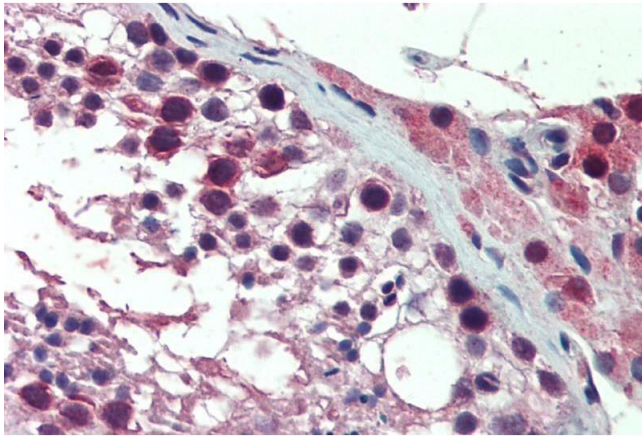
Target:	PREX1
Alternative Name:	PREX1 (PREX1 Products)
Background:	PREX1, phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1, KIAA1415, P-REX1, OTTHUMP00000031228, phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1
Gene ID:	57580, 277360, 311647
NCBI Accession:	NP_065871
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 10 µg/mL. Western Blot: Approx 150 kDa band observed in Human Brain (Temporal Cortex) lysates (calculated MW of 186 kDa according to NP_065871.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

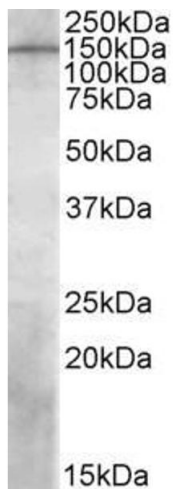
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571037 (10 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. Antibody (1 μ g/ml) staining of Human Temporal Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.