

Rabbit PREX1 Polyclonal Antibody | anti-PREX1 antibody

PREX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328092	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

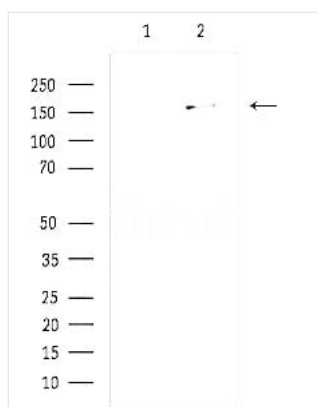
PRODUCT SYNONYMS

PREX1; Polyclonal Antibody; PREX1 Antibody; 4; 5)-dependent Rac exchanger 1; KIAA1415; OTTHUMP00000031228; P REX1; P Rex1 protein like; P-Rex1; Phosphatidylinositol 3; 5 trisphosphate dependent Rac exchange factor 1; 5 trisphosphate dependent Rac exchanger 1; 5 trisphosphate dependent Rac exchanger 1 protein; 5-trisphosphate-dependent Rac exchanger 1 protein; Prex1; PREX1_HUMAN; PtdIns(3; 5) dependent Rac exchanger 1; SET domain containing 6; Setd6; anti-PREX1 antibody

PRODUCT SPECIFICATIONS

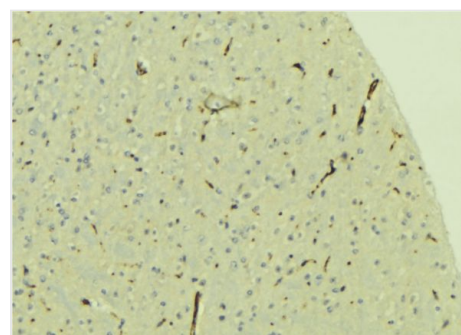
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1659
Applicable Applications for anti-PREX1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PREX1, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20 degree C.

IMAGES



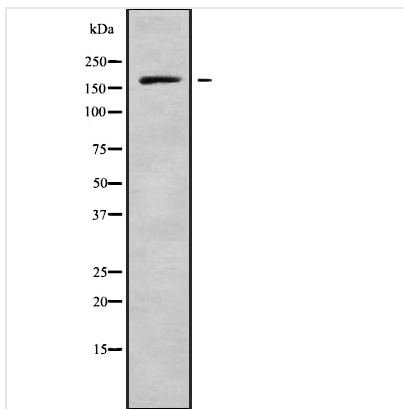
WB (Western Blot)

Western Blot analysis of extracts from RAW264.7 cells, using PREX1 Ab. The lane on the left was treated with blocking peptide



IHC (Immunohistochemistry)

AAA328092 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of PREX1 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PREX1 antibody	Function: Functions as a RAC guanine nucleotide exchange factor (GEF), which activates the Rac 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. May function downstream of heterotrimeric G proteins in neutrophils. Subunit Structure: Interacts preferentially with RAC2. Interacts with RAC1. Interacts with AUTS2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34452732
NCBI GeneID	57580
NCBI Accession #	NP_065871.2
NCBI GenBank Nucleotide #	NM_020820.3
UniProt Accession #	Q8TCU6; Q5JS95; Q5JS96; Q69YL2; Q7Z2L9; Q9BQH0; Q9BX55; Q9H4Q6; Q9P2D2; Q9UGQ4; E1P5X9
Molecular Weight	186 kDa
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
NCBI Official Synonym Full Names	phosphatidylinositol-3,4,5-trisphosphate dependent Rac exchange factor 1
NCBI Official Symbol	PREX1
NCBI Official Synonym Symbols	P-REX1
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
UniProt Gene Name	PREX1
UniProt Synonym Gene Names	KIAA1415; P-Rex1; PtdIns(3,4,5)-dependent Rac exchanger 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.