

Human Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein ELISA Kit | PREX2 elisa kit

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CATALOG #
AAA191851

REACTIVITY
Human

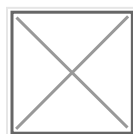
PRODUCT SYNONYMS

Phosphatidylinositol 3; 4; 5-trisphosphate-dependent Rac exchanger 2 protein; Human Phosphatidylinositol 3; 5-trisphosphate-dependent Rac exchanger 2 protein ELISA Kit; P-Rex2; PtdIns(3; 5)-dependent Rac exchanger 2; DEP domain-containing protein 2; PREX2; DEPDC2; PREX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human P-Rex2
Sequence Length	1606
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	<34 pg/mL
Intra-assay Precision	Intra-Assay CV: <=3.9%
Inter-assay Precision	Inter-Assay CV: <=7.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PREX2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47578115
NCBI GeneID	80243
NCBI Accession #	NP_079146.2
NCBI GenBank Nucleotide #	NM_024870.2
UniProt Accession #	Q70Z35; Q32KL0; Q32KL1; Q6R7Q3; Q6R7Q4; Q9H805; Q9H961; B4DFX0
Molecular Weight	112,404 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein isoform a
NCBI Official Synonym Full Names	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 2
NCBI Official Symbol	PREX2
NCBI Official Synonym Symbols	DEP.2; DEPDC2; P-REX2; PPP1R129; 6230420N16Rik
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 2 protein
UniProt Gene Name	PREX2
UniProt Synonym Gene Names	DEPDC2; P-Rex2; PtdIns(3,4,5)-dependent Rac exchanger 2
UniProt Entry Name	PREX2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/prex2-human-elisa-kits/phosphatidylinositol-345-trisphosphate-dependent-rac-exchanger-2-protein/191851>