

Rabbit anti-Human PREX1 Polyclonal Antibody | anti-PREX1 antibody

Anti-PREX1 Antibody, Rabbit Polyclonal

CATALOG # AAA254491	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

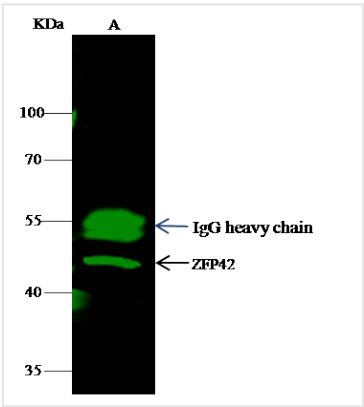
PRODUCT SYNONYMS

PREX1; Polyclonal Antibody; Anti-PREX1 Antibody; Rabbit Polyclonal; PREX1 Antibody; Rabbit PAb; Antigen Affinity Purified; phosphatidylinositol-3; 4; 5-trisphosphate-dependent Rac exchange factor 1; Anti-P-REX1 Antibody; anti-PREX1 antibody

PRODUCT SPECIFICATIONS

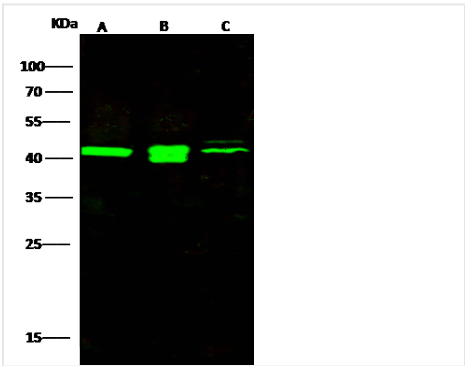
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PREX1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PREX1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the human PREX1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the human PREX1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

ZFP42 was immunoprecipitated using: Lane A: 0.5 mg Raw264.7 Whole Cell Lysate, 2 uL anti-ZFP42 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-ZFP42 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa. Observed band size: 42 kDa.



WB (Western Blot)

Anti-PREX1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: 293T Whole Cell Lysate. Lane C: Raji Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa. Observed band size: 42 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PREX1 antibody	PREX1 is a Rac guanine exchange factor that coordinates signaling inputs from G protein-coupled receptors and receptor tyrosine kinases (RTKs). PREX1 creates a positive feedback loop to drive RTK, phosphatidylinositol 3-kinase (PI3K)/AKT, and MEK/ERK signaling. High PREX1 levels predict sensitivity to PI3K inhibitors in breast cancer cells.
---	--

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	175,847 Da
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; ptdIns(3,4,5)-dependent Rac exchanger 1
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
UniProt Entry Name	PREX1_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.

