

Rabbit anti-Human, Mouse PREX2 Polyclonal Antibody | anti-PREX2 antibody

PREX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232909	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PREX2; Polyclonal Antibody; PREX2 Antibody; Phosphatidylinositol 3; 4; 5-trisphosphate-dependent Rac exchanger 2 proteinP-Rex2PtdIns(3; 5)-dependent Rac exchanger 2; DEP domain-containing protein 2; DEPDC2; anti-PREX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1606
Applicable Applications for anti-PREX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Phosphatidylinositol 3, 4, 5-trisphosphate-dependent Rac exchanger 2 protein (1417-1592AA)
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	PREX2
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232909 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human renal tissue using AAA232909 at dilution of 1:100



WB (Western Blot)

Positive WB detected in: Mouse brain tissueAll lanes: PREX2 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 183,172,113 kDaObserved band size: 183,113 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PREX2 antibody

Functions as a RAC1 guanine nucleotide exchange factor (GEF), activating 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. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47578115
NCBI GeneID	80243
NCBI Accession #	NP_079146.2
NCBI GenBank Nucleotide #	NM_024870.3
UniProt Accession #	Q70Z35; Q32KL0; Q32KL1; Q6R7Q3; Q6R7Q4; Q9H805; Q9H961; B4DFX0
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
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/polyclonal/prex2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232909>