

Rabbit PREX2 Polyclonal Antibody | anti-PREX2 antibody

PREX2 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201463	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

PRODUCT SYNONYMS

PREX2; Polyclonal Antibody; PREX2 Antibody - N-terminal region; anti-PREX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: ER DYVGTLFLV SAFLHRMNQC AASKVDKNVT EETVKMLFSN IEDILAVH
Sequence Length	1606
Applicable Applications for anti-PREX2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PREX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: RabbitTarget Name: PREX2Sample Type: HeLa Whole Cell lysatesAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PREX2Sample Tissue: Human Lung TumorAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PREX2 antibody

This is a rabbit polyclonal antibody against PREX2. It was validated on Western Blot

Target Description: PREX2 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. PREX2 mediates the activation of RAC1 in a PI3K-dependent manner. PREX2 may be an important mediator of Rac signaling, acting directly downstream of both G protein-coupled receptors and phosphoinositide 3-kinase.

Product Categories/Family for anti-
PREX2 antibody

Polyclonal; Signaling Intermediate

NCBI AND UNIPROT INFORMATION

NCBI GI #	51315380
NCBI GeneID	80243
UniProt Accession #	Q70Z35
Molecular Weight	182kDa
NCBI Official Full Name	TPA_exp: PtdIns(3,4,5)-dependent Rac exchanger 2a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prex2-antibody-western-blot-elisa/201463>