

PREX1 / P-REX1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14136**Specification**

PREX1 / P-REX1 Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	Q8TCU6
Reactivity	Human, Monkey, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	186kDa KDa

PREX1 / P-REX1 Antibody (Internal) - Additional Information**Gene ID** 57580**Other Names**

Phosphatidylinositol 3, 4, 5-trisphosphate-dependent Rac exchanger 1 protein, P-Rex1, PtdIns(3, 4, 5)-dependent Rac exchanger 1, PREX1, KIAA1415

Target/Specificity

Human PREX1.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

PREX1 / P-REX1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PREX1 / P-REX1 Antibody (Internal) - Protein Information**Name** PREX1**Synonyms** KIAA1415**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.

Cellular Location

Cytoplasm, cytosol. Cell membrane. Note=Mainly cytosolic. Some amount is apparently associated to the plasma membrane

Tissue Location

Mainly expressed in peripheral blood leukocytes and brain. Expressed at intermediate level in spleen and lymph nodes, and weakly expressed in other tissues

Volume

50 μ l

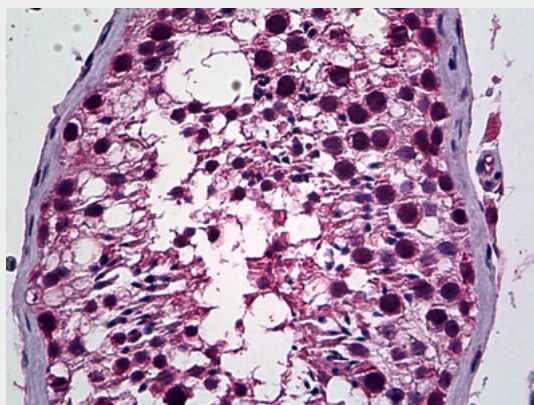
PREX1 / P-REX1 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PREX1 / P-REX1 Antibody (Internal) - Images

PREX1 antibody (1 ug/ml) staining of Human Temporal Cortex lysate (35 ug protein/ml in RIPA buffer).



Anti-PREX1 antibody IHC of human testis.

PREX1 / P-REX1 Antibody (Internal) - Background

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PREX1 / P-REX1 Antibody (Internal) - References

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Wiemann S.,et al.Genome Res. 11:422-435(2001).
Deloukas P.,et al.Nature 414:865-871(2001).
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Nagase T.,et al.DNA Res. 7:65-73(2000).