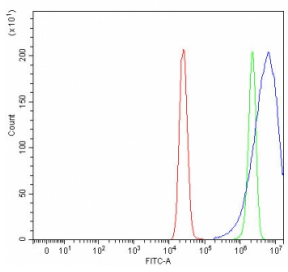
PREX1 Antibody (RQ8228)

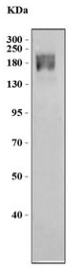
Catalog No.	Formulation	Size
RQ8228	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8TCU6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This PREX1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with PREX1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PREX1 antibody.



Western blot testing of human MCF7 cell lysate with PREX1 antibody. Predicted molecular weight: ~186 kDa, ~176 kDa and ~106 kDa (multiple isoforms).

Description

Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein is a protein that in humans is encoded by the PREX1 gene. The protein encoded by this gene acts as a guanine nucleotide exchange factor for the RHO family of small GTP-binding proteins (RACs). It has been shown to bind to and activate RAC1 by exchanging bound GDP for free GTP. The encoded protein, which is found mainly in the cytoplasm, is activated by phosphatidylinositol-3,4,5-trisphosphate and the beta-gamma subunits of heterotrimeric G proteins.

Application Notes

Optimal dilution of the PREX1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids N643-D1155) was used as the immunogen for the PREX1 antibody.

Storage

After reconstitution, the PREX1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.