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Datasheet for ABIN7163177
anti-PREX1 antibody (AA 1-44)

3 Images

Overview

Quantity:	100 µg
Target:	PREX1
Binding Specificity:	AA 1-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PREX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (1-44AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PREX1
Alternative Name:	PREX1 (PREX1 Products)
Background:	Background: Functions as a RAC guanine nucleotide exchange factor (GEF), which activates the

Target Details

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.

Aliases: 4 antibody, 5)-dependent Rac exchanger 1 antibody, KIAA1415 antibody, OTTHUMP00000031228 antibody, P REX1 antibody, P Rex1 protein like antibody, P-Rex1 antibody, Phosphatidylinositol 3,4,5 trisphosphate dependent Rac exchange factor 1 antibody, Phosphatidylinositol 3,4,5 trisphosphate dependent Rac exchanger 1 antibody, Phosphatidylinositol 3,4,5 trisphosphate dependent Rac exchanger 1 protein antibody, Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein antibody, Prex1 antibody, PREX1_HUMAN antibody, PtdIns(3 antibody, PtdIns(3,4,5) dependent Rac exchanger 1 antibody, SET domain containing 6 antibody, Setd6 antibody

UniProt: [Q8TCU6](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

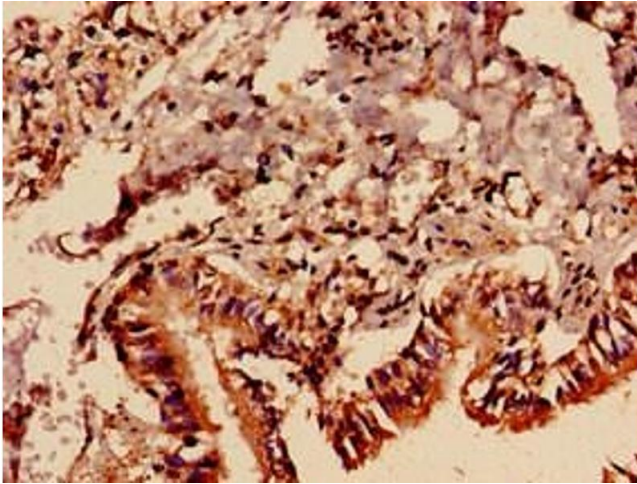
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

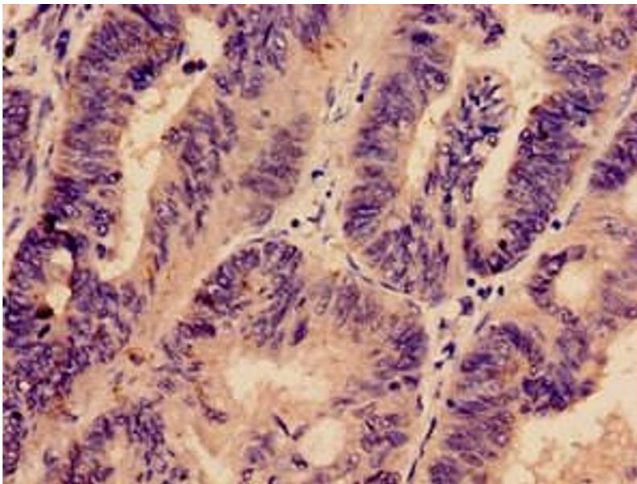
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



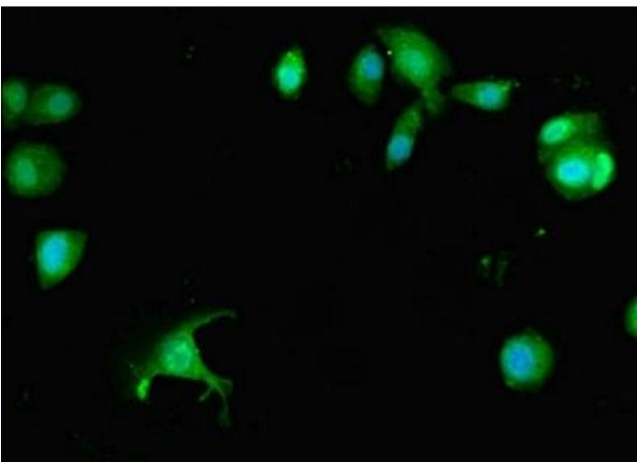
Immunocytochemistry

Image 1. Immunocytochemistry analysis of human lung tissue using ABIN7163177 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry analysis of human colon cancer using ABIN7163177 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of MCF-7 cells using ABIN7163177 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)