antibodies -online.com





anti-PREX1 antibody (C-Term)



Images

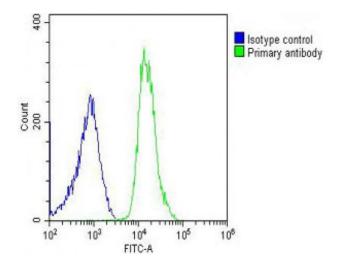


Go to	D		
	Pron	ויאווו	mane

Overview	
Quantity:	400 μL
Target:	PREX1
Binding Specificity:	AA 1134-1163, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PREX1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PREX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1134-1163 amino acids from the C-terminal region of human PREX1.
Clone:	RB31307
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PREX1
Alternative Name:	PREX1 (PREX1 Products)

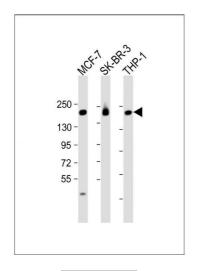
Target Details

rarget Details	
Background:	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.
Gene ID:	57580
NCBI Accession:	NP_065871
UniProt:	Q8TCU6
Pathways:	Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	WB: 1:2000. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:10~50. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PREX1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



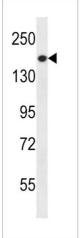
Flow Cytometry

Image 1. Overlay histogram showing U-2OS cells stained with (ABIN656506 and ABIN2845778) (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN656506 and ABIN2845778), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. All lanes: Anti-PREX1 Antibody (C-term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: SK-BR-3 whole cell lysate Lane 3: THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 186 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. PREX1 Antibody (C-term) (ABIN656506 and ABIN2845778) western blot analysis in NCI- cell line lysates (35 μ g/lane). This demonstrates the PREX1 antibody detected the PREX1 protein (arrow).

Please check the product details page for more images. Overall 5 images are available for ABIN656506.