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anti-Cytohesin 1 antibody





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Overview	
Quantity:	100 μL
Target:	Cytohesin 1 (CYTH1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytohesin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Whole Mount) (IHC (wm))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human Cytohesin
	1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Zebrafish (Danio rerio)
Characteristics:	Rabbit polyclonal antibody to PSCD1 (pleckstrin homology, Sec7 and coiled-coil domains 1)
	PSCD1 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	Cytohesin 1 (CYTH1)
Alternative Name:	cytohesin 1 (CYTH1 Products)

Target Details

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The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This gene is highly expressed in natural killer and peripheral T cells, and regulates the adhesiveness of integrins at the plasma membrane of lymphocytes. The encoded protein is 83 % homologous to that of CYTH2.

Molecular Weight:	46 kDa
Gene ID:	9267
UniProt:	015438

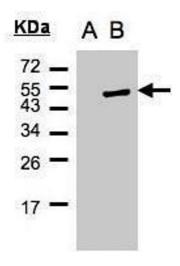
Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: PSCD1 transfected 293T	
Restrictions:	For Research Use only	

Handling

Format:	Liquid	
Concentration:	0.87 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	

multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Western Blot analysis of PSCD1 expression in transfected 293T cell line by PSCD1 polyclonal antibody. A: Non-transfected lysate. B: PSCD1 transfected lysate. 12% SDS PAGE antibody diluted at 1:500