

[Go to Product page](#)

Datasheet for ABIN720251 **anti-Cytohesin 1 antibody (AA 321-398)**

Overview

Quantity:	100 µL
Target:	Cytohesin 1 (CYTH1)
Binding Specificity:	AA 321-398
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytohesin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PSCD1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Cytohesin 1 (CYTH1)
Alternative Name:	PSCD1 (CYTH1 Products)

Target Details

Background:	<p>Synonyms: SEC7 and coiled-coil domain-containing protein 1, B2 1, CLM1, CTH 1, CYH1_HUMAN, CYTH1, CYTIP, Cytoadhesin 1, Cytohesin-1, Homolog of secretory protein SEC7, mSec7 1, PH, PH, SEC7 and coiled-coil domain containing protein 1, Pleckstrin homology Sec7 and coiled/coil domains 1, Pleckstrin homology Sec7 and coiled/coil domains protein 1, PSCD1, Sec7, SEC7 homolog A, SEC7 homolog B2 1, SEC7 homolog B2-1, SEC7, yeast, homolog of, Sec7a.</p> <p>Background: Cytohesin 1 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. Cytohesin 1 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.</p>
-------------	--

Gene ID:	9267
----------	------

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months