

DNAxPAb

Hard-to-Find
Antibody

CYTH1 DNAxPAb

Catalog # H00009267-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYTH1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEEDDSYVPSDLTAEERQELENIRRRKQELLADIQRLKDEIAEVANEIENLGSTEERKNMQRNKQV AMGRKKFNMDPKKGIQFLIENDLLKNTCEDIAQFLYKGEGLNKTAIGDYLGERDEFNIQVLHAFVEL HEFTDLNLVQALRQFLWSFRLPGEAQKIDRMMEAFQRYCQCNGVFAQSTDCYVLSFAIMLNT SLHNPNVKDKPTVERFIAMNRGINDGGDLPEELLRNLYESIKNEPFKIPEDDGNDLHTFFNPDRE GWLLKLGGGRVKTWKRRWFILTDNCLYYFEYTTDKPRGIIPLENLSIREVEDSKKPNCFELYPDN KDQVIKACKTEADGRVVEGNHTVYRISAPTPEEKEEWIKCIKAAISRDPFYEMLAARKKKVSSTKR H
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CYTH1

Entrez GeneID [9267](#)

GeneBank Accession# [NM_004762.2](#)

Protein Accession# [NP_004753.1](#)

Gene Name CYTH1

Gene Alias B2-1, CYTOHESIN-1, D17S811E, FLJ34050, FLJ41900, PSCD1, SEC7

Gene Description cytohesin 1

Omim ID [182115](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations OTTHUMP00000196778|cytoadhesin 1|homolog of secretory protein SEC7|pleckstrin homology, Sec7 and coiled-coil domains 1