CYTH4 polyclonal antibody

Catalog # PAB6528 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CYTH4.
Immunogen	A synthetic peptide corresponding to human CYTH4.
Sequence	DLCHPEPAELSSG
Host	Goat
Theoretical MW (kDa)	45.7
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CYTH4

Entrez GeneID	27128
Protein Accession#	NP_0.37517
Gene Name	CYTH4
Gene Alias	CYT4, DJ63G5.1, PSCD4
Gene Description	cytohesin 4
Omim ID	606514
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the PSCD family. Members of this family have i dentical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 dom ain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homod imerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and t he PH domain interacts with phospholipids and is responsible for association of PSCDs with me mbranes. Members of this family appear to mediate the regulation of protein sorting and membra ne trafficking. The encoded protein exhibits GEP activity in vitro with both ARF1 and ARF5 but is i nactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq
Other Designations	OTTHUMP00000028826|cytohesin-4|pleckstrin homology, Sec7 and coiled-coil domains 4|pleck strin homology, Sec7 and coiled/coil domains 4

Publication Reference

- Similarities in function and gene structure of cytohesin-4 and cytohesin-1, guanine nucleotide-exchange proteins for ADP-ribosylation factors.

  Ogasawara M, Kim SC, Adamik R, Togawa A, Ferrans VJ, Takeda K, Kirby M, Moss J, Vaughan M.

  The Journal of Biological Chemistry 2000 Feb; 275(5):3221.

Disease

- Tobacco Use Disorder