

Rabbit CYTH3 Polyclonal Antibody | anti-CYTH3 antibody

CYTH3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284798	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

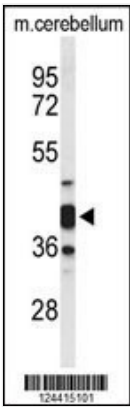
PRODUCT SYNONYMS

CYTH3; Polyclonal Antibody; CYTH3 Antibody (C-term); Cytohesin-3; ARF nucleotide-binding site opener 3; Protein ARNO3; General receptor of phosphoinositides 1; Grp1; PH; SEC7 and coiled-coil domain-containing protein 3; ARNO3; GRP1; PSCD3; anti-CYTH3 antibody

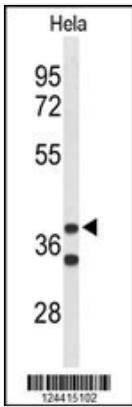
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYTH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 371-400 amino acids from the C-terminal region of human CYTH3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	371-400
Sequence Length	399
Applicable Applications for anti-CYTH3 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of CYTH3 Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane). CYTH3 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of CYTH3 Antibody (C-term) in HeLa cell line lysates (35ug/lane). CYTH3 (arrow) was detected using the purified Pab;

ADDITIONAL INFORMATION

Related Product Information for anti-CYTH3 antibody	This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members 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 encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1.
Product Categories/Family for anti-CYTH3 antibody	Signal Transduction
References	Morishige, M., et al. Nat. Cell Biol. 10(1):85-92(2008) Poirier, M.B., et al. Mol. Endocrinol. 19(8):1991-2005(2005) Nevrivy, D.J., et al. J. Biol. Chem. 275(22):16827-16836(2000) Ogasawara, M., et al. J. Biol. Chem. 275(5):3221-3230(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758968
NCBI GeneID	9265
NCBI Accession #	NP_004218.1
NCBI GenBank Nucleotide #	NM_004227.3
UniProt Accession #	O43739; A4D2N8
Molecular Weight	46349
NCBI Official Full Name	cytohesin-3
NCBI Official Synonym Full Names	cytohesin 3
NCBI Official Symbol	CYTH3
NCBI Official Synonym Symbols	GRP1; ARNO3; PSCD3
NCBI Protein Information	cytohesin-3
UniProt Protein Name	Cytohesin-3
UniProt Gene Name	CYTH3

UniProt Synonym Gene Names	ARNO3; GRP1; PSCD3; Protein ARNO3; Grp1
UniProt Entry Name	CYH3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cyth3-antibody-western-blot-elisa/284798>