

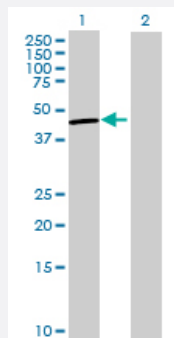
MaxPab®

PSCD3 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009265-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYTH3 expression in transfected 293T cell line ([H00009265-T01](#)) by CYTH3 MaxPab polyclonal antibody.

Lane 1: PSCD3 transfected lysate(43.89 KDa).

Lane 2: Non-transfected lysate.

Specification

| | |
|-------------------------------|--|
| Product Description | Mouse polyclonal antibody raised against a full-length human PSCD3 protein. |
| Immunogen | PSCD3 (NP_004218.1, 1 a.a. ~ 399 a.a) full-length human protein. |
| Sequence | <p> MDEDGGGEGGGVPEDLSLEEREELDIRRRKKELIDDIERLKYIEAEVMTEIDNLTSEESKTTQRN KQIAMGRKKFNMDPKKGIQFLIENDLLQSSPEDVAQFLYKGEGLNKTIVIGDYLGERDEFNIKVLQAF VELHEFADLNLVQALRQFLWSFRLPGEAQKIDRMMEAFASRYCLCNPGVFQSTDTCYVLSFAIIML NTSLHNHNVRDKPTAERFIAMNRGINEGGDLPEELLRNLYESIKNEPFKIPEDDGNDLTHTFNPNDR EGWLLKLGGRVKTKRRWFILTDNCLYFEYTTDKPRGIIPLENLSIREVEDPRKPNCFELYNPSH KGQVIKACKTEADGRVVEGNHVVYRISAPSPREEKEEWMKSIKASISRPFDMLATRKRIANKK </p> |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (98); Rat (98) |
| 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.

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[Protocol Download](#)

Gene Info — CYTH3

Entrez GeneID [9265](#)

GeneBank Accession# [NM_004227.3](#)

Protein Accession# [NP_004218.1](#)

Gene Name CYTH3

Gene Alias ARNO3, GRP1, PSCD3

Gene Description cytohesin 3

Omim ID [605081](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations ARF nucleotide-binding site opener 3|general receptor of phosphoinositides 1|pleckstrin homology, Sec7 and coiled-coil domains 3|pleckstrin homology, Sec7 and coiled/coil domains 3