

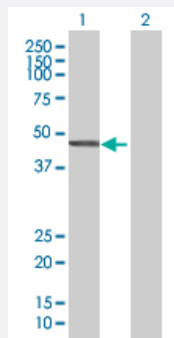
MaxPab®

CYTH2 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009266-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYTH2 expression in transfected 293T cell line ([H00009266-T01](#)) by CYTH2 MaxPab polyclonal antibody.

Lane 1: CYTH2 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CYTH2 protein.
Immunogen	CYTH2 (NP_059431.1, 1 a.a. ~ 400 a.a) full-length human protein.
Sequence	MEDGVYEPDLTPEERMELENIRRRKQELLVEIQRLREELSEAMSEVEGLEANE GSKTLQRNRK MAMGRKKFNMDPKKGIQFLVENELLQNTPEEIARFLYKGEGLNKTAIGDYLGEREELNLAVLHAFV DLHEFTDLNLVQALRQFLWSFRLPGEAQKIDRMMEAFQRYCLCNPGVVFQSTDTCYVLSFAVIML NTSLHNPNVRDKPGLERFVAMNRGINEGGDLPEELLRNLYDSIRNEPFKIPEDDGNDLTHTFNPD REGWLLKLGGRVKTWKRRWFILTDNCLYFEYTTDKEPRGIIPLENLSIREVDDPRKPNCFELYIP NNKGQLKACKTEADGRVVEGNHVMYRISAPTQEEKDEWIKSIQAAVSVDPFYEMLAARKKRISVK KKQEQP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — CYTH2

Entrez GeneID [9266](#)

GeneBank Accession# [NM_017457.3](#)

Protein Accession# [NP_059431.1](#)

Gene Name CYTH2

Gene Alias ARNO, CTS18, CTS18.1, PSCD2, PSCD2L, SEC7L, Sec7p-L, Sec7p-like

Gene Description cytohesin 2

Omim ID [602488](#)

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. The encoded protein exhibits GEP activity in vitro with ARF1, ARF3, and ARF6 and is 83% homologous to CYTH1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations ARF exchange factor|ARF nucleotide-binding site opener|pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2)|pleckstrin homology, Sec7 and coiled-coil domains 2-like|pleckstrin homology, Sec7 and coiled/coil domains 2 (cytohesin-2)