

Cytohesin 2 Polyclonal Antibody

Catalog number: 10405-1-AP

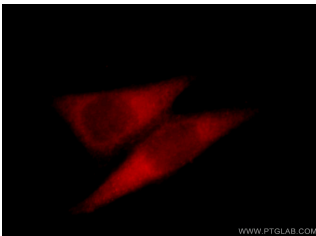
Size: 57 µg/150 µl

Source: Rabbit

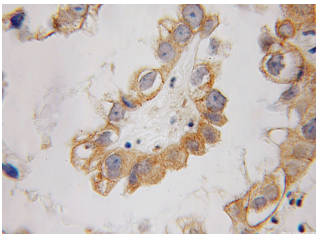
Isotype: IgG

Synonyms:

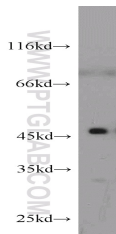
CYTH2; ARF exchange factor, ARNO, CTS18, CTS18.1, CYTH2, cytohesin 2, Protein ARNO, PSCD2, PSCD2L, SEC7L, Sec7p L, Sec7p like



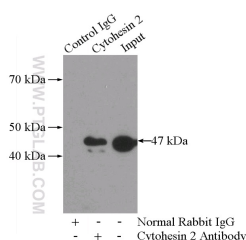
Immunofluorescent analysis of HeLa cells, using CYTH2 antibody 10405-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human ovary tumor using 10405-1-AP(CYTH2 antibody) at dilution of 1:50 (under 40x lens)



mouse heart tissue were subjected to SDS PAGE followed by western blot with 10405-1-AP(CYTH2 antibody) at dilution of 1:1000



Background

Pleckstrin homology, Sec7 and coiled/coil domains 2 (PSCD2) 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. PSCD2 exhibits GEP activity in vitro with small G proteins ARF1, ARF3, and ARF6.

Applications

Tested applications:	ELISA, IHC, IF, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Cytohesin 2 MW:	47 kDa
Observed Cytohesin 2 MW:	47 kDa
Positive WB detected in	Mouse heart tissue
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human ovary tumor tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0687
GenBank accession number:	BC004361
Gene ID (NCBI):	9266
Full name:	Cytohesin 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

IP Result of anti-CYTH2
(IP:10405-1-AP, 4ug;
Detection:10405-1-AP 1:500)
with mouse heart tissue lysate
4000ug.