

ARG64382 anti-ARNO / cytohesin 2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ARNO / cytohesin 2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_004219.2; NP_059431.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ARNO / cytohesin 2
Species	Human
Immunogen	EDGVYEPPDLTP-C
Conjugation	Un-conjugated
Alternate Names	Sec7p-like; Protein ARNO; CTS18; Cytohesin-2; PH, SEC7 and coiled-coil domain-containing protein 2; ARF nucleotide-binding site opener; Sec7p-L; PSCD2; SEC7L; ARNO; ARF exchange factor; PSCD2L; CTS18.1

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 47 kDa	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 9266 Human](#)

[Swiss-port # Q99418 Human](#)

Background

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, Aug 2008]

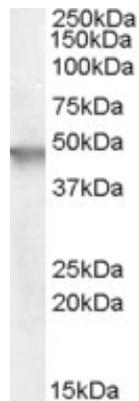
Research Area

Signaling Transduction antibody

Calculated Mw

47 kDa

Images



ARG64382 anti-ARNO / cytohesin 2 antibody WB image

Western blot: 35 µg of Human brain (cerebellum) lysate (in RIPA buffer) stained with ARG64382 anti-ARNO / cytohesin 2 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.