

# GRP1 Polyclonal Antibody

Catalog # AP70259

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O43739</a>
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	46349

## Additional Information

---

<b>Gene ID</b>	9265
<b>Other Names</b>	CYTH3; ARNO3; GRP1; PSCD3; 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
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

---

<b>Name</b>	CYTH3 ( <a href="#">HGNC:9504</a> )
<b>Synonyms</b>	ARNO3, GRP1, PSCD3
<b>Function</b>	Promotes guanine-nucleotide exchange on ARF1 and ARF6. Promotes the activation of ARF factors through replacement of GDP with GTP. Plays a role in the epithelial polarization (By similarity).
<b>Cellular Location</b>	Cytoplasm, cytosol. Cell membrane {ECO:0000250 UniProtKB:O08967}; Peripheral membrane protein {ECO:0000250 UniProtKB:O08967}. Cell junction, adherens junction {ECO:0000250 UniProtKB:O08967}. Cell junction, tight junction {ECO:0000250 UniProtKB:O08967}. Note=Translocates from the cytosol to membranes enriched in phosphatidylinositol 3,4,5-trisphosphate {ECO:0000250 UniProtKB:O08967}
<b>Tissue Location</b>	Almost absent from liver, thymus and peripheral blood lymphocytes

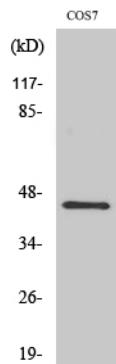
## Background

---

Promotes guanine-nucleotide exchange on ARF1 and ARF6. Promotes the activation of ARF factors through replacement of GDP with GTP. Play a role in the epithelial polarization (By similarity).

## Images

---



Western Blot analysis of various cells using GRP1 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.