

# **GRP1 Polyclonal Antibody**

Catalog # AP70259

#### **Product Information**

Application WB Primary Accession 043739

**Reactivity** Human, Mouse, Rat, Monkey

Host Rabbit
Clonality Polyclonal
Calculated MW 46349

#### **Additional Information**

**Gene ID** 9265

Other Names 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

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **Protein Information**

Name CYTH3 ( HGNC:9504)

**Synonyms** ARNO3, GRP1, PSCD3

**Function** 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).

**Cellular Location** Cytoplasm, cytosol. Cell membrane {ECO:0000250 | UniProtKB:008967};

Peripheral membrane protein {ECO:0000250 | UniProtKB:008967}. Cell junction, adherens junction {ECO:0000250 | UniProtKB:008967}. Cell junction, tight junction {ECO:0000250 | UniProtKB:008967}. Note=Translocates from the cytosol to membranes enriched in phosphatidylinositol 3,4,5-trisphosphate

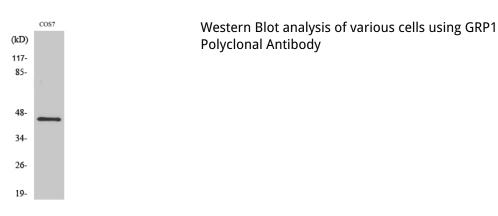
{ECO:0000250 | UniProtKB:O08967}

**Tissue Location** 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**



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