

GRP1 Polyclonal Antibody
Catalog # AP70259**Specification**

GRP1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O43739
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal

GRP1 Polyclonal Antibody - 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

GRP1 Polyclonal Antibody - 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: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}

Tissue Location

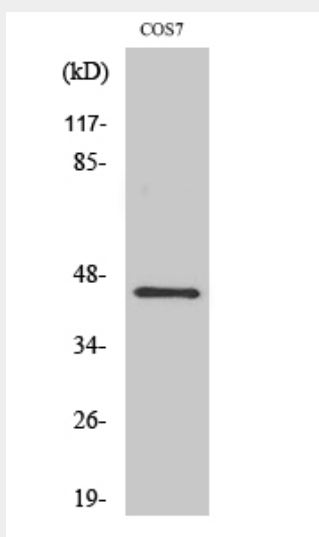
Almost absent from liver, thymus and peripheral blood lymphocytes

GRP1 Polyclonal Antibody - Protocols

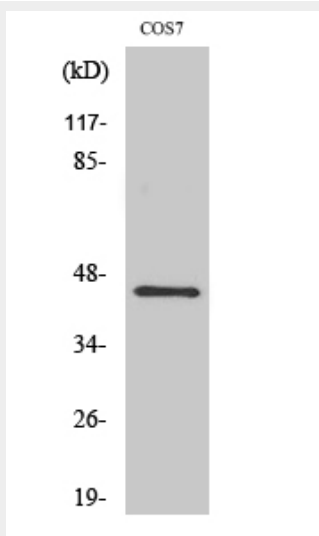
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRP1 Polyclonal Antibody - Images



Western Blot analysis of various cells using GRP1 Polyclonal Antibody



Western Blot analysis of various cells using GRP1 Polyclonal Antibody

GRP1 Polyclonal Antibody - 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).