

## **GOLGA3 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55174

### **Specification**

**Physical State** 

# **GOLGA3 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Bovine
Host
Clonality
Calculated MW
Rat, Bovine
Rabbit
Polyclonal
167 KDa

Immunogen KLH conjugated synthetic peptide derived

Liquid

laG

from human GOLGA3/Golgin 160

Epitope Specificity 951-1050/1498

Isotype Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasmic and Golgi Apparatus.
SUBUNIT Homodimer. Interacts with GOLGA7.

Isoform 1 interacts with GOPC while

isoform 3 does not.

Post-translational modifications
Important Note

Cleaved by caspases in apoptotic cells.
This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

# **Background Descriptions**

affinity purified by Protein A

The Golgi apparatus consists of a series of stacked, flattened membrane stacks called cisternae that are involved in the transport of lipids and proteins in the secretory pathway and are important for Golgi-microtubule interaction. Golgin 160 is a 1,498 amino acid protein that localizes to both the cytoplasm and to the Golgi apparatus and contains a series of coiled-coil domains. Expressed in a variety of tissues, including heart, liver, testis, kidney, lung and salivary gland, golgin 160 functions as a homodimer that interacts with GOLGA7 and is thought to be involved in maintaining Golgi structure and may play a role in nuclear transport and Golgi apparatus localization. Multiple isoforms of golgin 160 exist due to alternative splicing events.

## **GOLGA3 Polyclonal Antibody - Additional Information**

**Gene ID 2802** 

**Other Names** 

Golgin subfamily A member 3, Golgi complex-associated protein of 170 kDa, GCP170, Golgin-160, GOLGA3

**Target/Specificity** 



Expressed in all tissues tested. Expressed in liver, testis, lung, heart, salivary gland and kidney.

#### **Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br \><span class
="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_ICC">ICC~~N/A</span>

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

### **Storage**

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

## **GOLGA3 Polyclonal Antibody - Protein Information**

#### Name GOLGA3

#### **Function**

Golgi auto-antigen; probably involved in maintaining Golgi structure.

#### **Cellular Location**

Cytoplasm. Golgi apparatus, Golgi stack membrane; Peripheral membrane protein

#### **Tissue Location**

Expressed in all tissues tested. Expressed in liver, testis, lung, heart, salivary gland and kidney

## **GOLGA3 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 Cytomety
- Cell Culture

# **GOLGA3 Polyclonal Antibody - Images**