

### ZNF289/ARFGAP2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) **Catalog # AP57118** 

### **Specification**

### **ZNF289/ARFGAP2 Polyclonal Antibody - Product Information**

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

**Primary Accession** Q8N6H7

Reactivity Rat, Pig, Bovine

Host Rabbit Clonality **Polyclonal** Calculated MW **57 KDa Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human ZNF289/ARFGAP2

401-500/521 **Epitope Specificity** 

Isotype **Purity** 

affinity purified by Protein A

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

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm. Golgi apparatus membrane;

Peripheral membrane protein; Cytoplasmic

side. Note: Also found on peripheral

punctate structures likely to be

endoplasmic reticulum-Golgi intermediate

compartment.

**SIMILARITY** Contains 1 Arf-GAP domain.

**SUBUNIT** Interacts with the coatomer complex.

Interacts with the C-terminal appendage

domain of COPG1.

Important Note This product as supplied is intended for

research use only, not for use in human,

therapeutic or diagnostic applications.

### **Background Descriptions**

ZNF289 functions as a GTPase-activating protein (GAP) for ARF family proteins. Localizing to the cytoplasmic side of the Golgi apparatus, ZNF289 contains one ARF-GAP domain and is found associated with COP-I-coated vesicles.

### ZNF289/ARFGAP2 Polyclonal Antibody - Additional Information

### **Gene ID 84364**

#### **Other Names**

ADP-ribosylation factor GTPase-activating protein 2, ARF GAP 2, GTPase-activating protein ZNF289, Zinc finger protein 289, ARFGAP2, ZNF289

#### **Dilution**



Tel: 858.875.1900 Fax: 858.875.1999

<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>

#### 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.

## **ZNF289/ARFGAP2** Polyclonal Antibody - Protein Information

Name ARFGAP2

Synonyms ZNF289

#### **Function**

GTPase-activating protein (GAP) for ADP ribosylation factor 1 (ARF1). Implicated in coatomer-mediated protein transport between the Golgi complex and the endoplasmic reticulum. Hydrolysis of ARF1-bound GTP may lead to dissociation of coatomer from Golgi-derived membranes to allow fusion with target membranes.

#### **Cellular Location**

Cytoplasm. Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also found on peripheral punctate structures likely to be endoplasmic reticulum-Golgi intermediate compartment

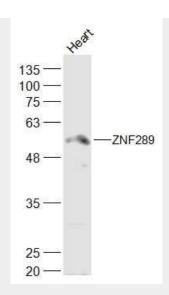
# **ZNF289/ARFGAP2 Polyclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### ZNF289/ARFGAP2 Polyclonal Antibody - Images





# Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti-ZNF289 (bs-18504R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kD Observed band size: 57 kD