

ARFGAP2 Rabbit pAb

ARFGAP2 Rabbit pAb Catalog # AP57118

Product Information

ApplicationWBPrimary AccessionQ8N6H7ReactivityHuman

Predicted Mouse, Rat, Pig, Horse, Sheep

Host Rabbit
Clonality Polyclonal
Calculated MW 56720
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human ZNF289/ARFGAP2

Epitope Specificity 401-500/521

Isotype IgG

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.

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 WB=1:500-2000

Storage Store at -20 °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 °C.

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;

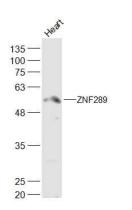
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ZNF289 functions as a GTPase-activating protein (GAP) for ARF family proteins. Localizing to the cytoplasmic side of the Golgi apparatus, ZNF289 contains one ARF-GAP domain and is found associated with COP-I-coated vesicles.

Images



Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti-ZNF289 (AP57118) at 1/300 dilution

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

dilution

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

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