ARFGAP3 polyclonal antibody

Catalog # PAB6069 Size 100 ug

Applications



Western Blot (Tissue lysate)

ARFGAP3 polyclonal antibody (Cat # PAB6069) staining (2 ug/mL) of mouse brain extracts (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification	
Product Description	Goat polyclonal antibody raised against synthetic peptide of ARFGAP3.
Immunogen	A synthetic peptide corresponding to human ARFGAP3.
Sequence	C-NGVVTSIQDRYGS
Host	Goat
Theoretical MW (kDa)	56.9, 52.0
Reactivity	Mouse
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:8000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

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Product Information

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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• Enzyme-linked Immunoabsorbent Assay

Gene Info — ARFGAP3

Entrez GenelD	26286
Protein Accession#	<u>NP_055385.2</u>
Gene Name	ARFGAP3
Gene Alias	ARFGAP1, FLJ45618
Gene Description	ADP-ribosylation factor GTPase activating protein 3
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this gene is a GTPase-activating protein (GAP) that associates with the Golgi apparatus and regulates the early secretory pathway of proteins. The encoded protein prom otes hydrolysis of ADP-ribosylation factor 1 (ARF1)-bound GTP, which is required for the dissoci ation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat protein is a prerequisite for the fusion of these vesicles with target compartments. The activity of this pr otein is sensitive to phospholipids. Multiple transcript variants encoding different isoforms have b een found for this gene. This gene was originally known as ARFGAP1, but that is now the name of a related but different gene. [provided by RefSeq
Other Designations	ADP-ribosylation factor GTPase activating protein 1 OTTHUMP00000028526

Publication Reference

• Functional characterization of novel human ARFGAP3.

Liu X, Zhang C, Xing G, Chen Q, He F. FEBS Letters 2001 Feb; 490(1-2):79.

Pathway

Endocytosis

Disease

• Tobacco Use Disorder