ELK Biotechnology

ARF GAP3 rabbit pAb

Cat No.:ES5488

For research use only

Overview

Product Name	ARF GAP3 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from ARF GAP3 . at AA range: 280-360
Specificity	ARF GAP3 Polyclonal Antibody detects endogenous levels of ARF GAP3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	ADP-ribosylation factor GTPase-activating protein 3
Gene Name	ARFGAP3
Cellular localization	Cytoplasm . Golgi apparatus membrane ; Peripheral membrane protein ; Cytoplasmic side . Also found on peripheral punctate structures likely to be endoplasmic reticulum-Golgi intermediate compartment.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	26286
Human Swiss-Prot Number	Q9NP61
Alternative Names	ARFGAP3; ARFGAP1; ADP-ribosylation factor GTPase-activating protein 3; ARF GAP 3
Background	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 promotes hydrolysis of ADP-ribosylation factor 1 (ARF1)-bound GTP, which is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is a prerequisite for the fusion of these vesicles with target compartments. The activity of this protein is sensitive to phospholipids. Multiple transcript variants encoding different isoforms have been 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, Nov 2008],