



AGFG1 Polyclonal Antibody

Catalog No	YP-Ab-06715
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	AGFG1 HRB RAB RIP
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	AGFG1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Arf-GAP domain and FG repeat-containing protein 1;HIV-1 Rev-binding protein; HRB;Nucleoporin-like protein RIP;Rev/Rex activation domain-binding protein; AGFG1;AGFG1 HRB RAB RIP;Arf-GAP domain and FG repeat-containing protein 1 (HIV-1 Rev-binding protein) (Nucleoporin-like protein RIP) (Rev-interacting protein) (Rev/Rex activation domain-binding protein)
Observed Band	58 kDa
Calculated Molecular Weight	562 aa, 58 kDa
Cell Pathway	Nucleus . Cytoplasmic vesicle .
Tissue Specificity	Ubiquitously expressed.
Function	domain:Contains FG repeats. The FG repeat region is required for acting as a cofactor of HIV-1 Rev.,function:Required for vesicle docking or fusion during acrosome biogenesis (By similarity). May play a role in RNA trafficking or localization. In case of infection by HIV-1, acts as a cofactor for viral Rev and promotes movement of Rev-responsive element-containing RNAs from the nuclear periphery to the cytoplasm. This step is essential for HIV-1 replication., PTM:O-glycosylated.,similarity:Contains 1 Arf-GAP domain.,subunit:Interacts with EPS15R and EPS15.,tissue specificity:Ubiquitously expressed.,

Background

ArfGAP with FG repeats 1(AGFG1) Homo sapiens The protein encoded by this gene is related to nucleoporins, a class of proteins that mediate nucleocytoplasmic transport. The encoded protein binds the activation domain of the human immunodeficiency virus Rev protein when Rev is assembled onto its RNA target, and is required for the nuclear export of Rev-directed RNAs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images