



Rabbit Anti-AGFG1 antibody

SL8072R

Product Name:	AGFG1
Chinese Name:	艾滋病病毒复制Binding protein抗体
Alias:	HIV 1 Rev binding protein; RAB; Rev/Rex activation domain-binding protein; RIP; AGFG1; AGFG1_HUMAN; Arf-GAP domain and FG repeats-containing protein 1; ArfGAP with FG repeats 1; HIV-1 Rev-binding protein; HRB; Nucleoporin like protein RIP; Nucleoporin-like protein RIP; Rev interacting protein; Rev-interacting protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	58kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AGFG1:276-380/562
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

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Subunit:

Interacts with EPS15R and EPS15. Interacts with FCHO1.

Subcellular Location:

Nucleus. Cytoplasmic vesicle.

Tissue Specificity:

Ubiquitously expressed.

Post-translational modifications:

O-glycosylated (By similarity).

Similarity:

Contains 1 Arf-GAP domain.

SWISS:

P52594

Gene ID:

3267

Database links:

[Entrez Gene: 536149](#)Cow

[Entrez Gene: 3267](#)Human

[Entrez Gene: 15463](#)Mouse

[Entrez Gene: 363266](#)Rat

[Omin: 600862](#)Human

[SwissProt: Q2TA45](#)Cow

[SwissProt: P52594](#)Human

[SwissProt: Q8K2K6](#)Mouse

[SwissProt: Q4KLH5](#)Rat

[Unigene: 352962](#)Human

[Unigene: 392569](#)Mouse

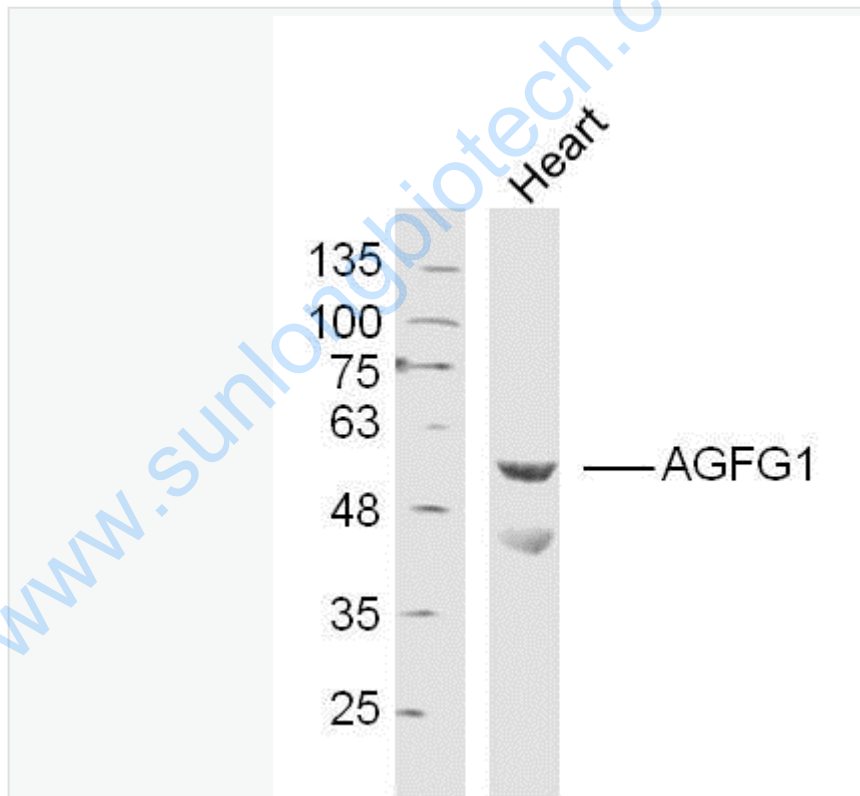
[Unigene: 433409](#)Mouse

[Unigene: 3734](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti- AGFG1 (SL8072R) at 1/300 dilution

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

	<p>Predicted band size: 58kD</p>
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	<p>Observed band size: 55 kD</p>
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