



Rabbit Anti-ARF4 antibody

SL8750R

Product Name:	ARF4
Chinese Name:	ADP核糖基化因子4抗体
Alias:	ADP ribosylation factor 2; ADP ribosylation factor 4; ADP-ribosylation factor 4; ARF2; ARF4; ARF4 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	20kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ARF4:101-180/180
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:	This gene is a member of the human ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class

share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have been reported for this gene. [provided by RefSeq, Jul 2008]

Function:

GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.

Subcellular Location:

Golgi apparatus.

Similarity:

Belongs to the small GTPase superfamily. Arf family.

SWISS:

P18085

Gene ID:

378

Database links:

[Entrez Gene: 769725](#) Chicken

[Entrez Gene: 518601](#) Cow

[Entrez Gene: 378](#) Human

[Entrez Gene: 11843](#) Mouse

[Entrez Gene: 595108](#) Pig

[Entrez Gene: 79120](#) Rat

[Omim: 601177](#) Human

[SwissProt: Q3SZF2](#) Cow

[SwissProt: P18085](#) Human

[SwissProt: P61750](#) Mouse

[SwissProt: P61751](#) Rat

[Unigene: 652183](#) Human

[Unigene: 297768](#) Mouse

[Unigene: 35935](#) Rat

Important Note:

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

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