

Rabbit anti-Human, Rat ARF4 Polyclonal Antibody | anti-ARF4 antibody

ARF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324424	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

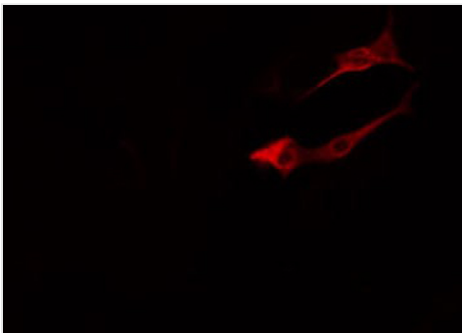
PRODUCT SYNONYMS

ARF4; Polyclonal Antibody; ARF4 Antibody; ADP ribosylation factor 2; ADP ribosylation factor 4; ADP-ribosylation factor 4; ARF2; ARF4_HUMAN; anti-ARF4 antibody

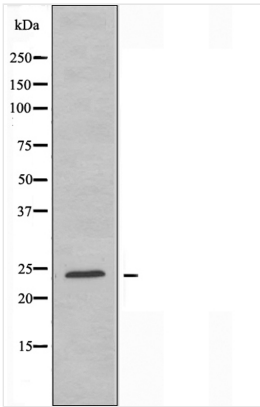
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARF4 antibody detects endogenous levels of total ARF4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	180
Applicable Applications for anti-ARF4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (90%), Horse (90%), Sheep (90%), Rabbit (90%), Dog (90%), Chicken (80%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

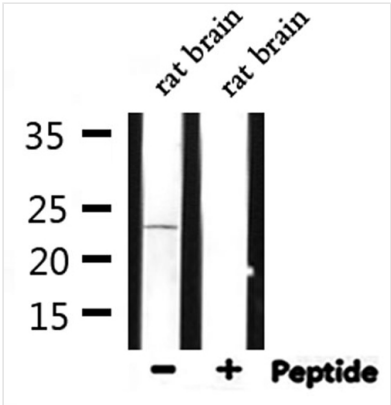
IMAGES



IF (Immunofluorescence)
AAA324424 staining LOVO cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from LOVO cells using ARF4 antibody.



WB (Western Blot)
Western blot analysis of extracts from rat brain, using ARF4 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARF4 antibody	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. Similarity: Belongs to the small GTPase superfamily. Arf family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502205
NCBI GeneID	378
NCBI Accession #	NP_001651.1
NCBI GenBank Nucleotide #	NM_001660.3
UniProt Accession #	P18085; P21371; B2R7J7
Molecular Weight	Observed: 25 kD Predicted: 21 kDa
NCBI Official Full Name	ADP-ribosylation factor 4
NCBI Official Synonym Full Names	ADP ribosylation factor 4
NCBI Official Symbol	ARF4

NCBI Official Synonym Symbols	ARF2
NCBI Protein Information	ADP-ribosylation factor 4
UniProt Protein Name	ADP-ribosylation factor 4
UniProt Gene Name	ARF4
UniProt Synonym Gene Names	ARF2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/arf4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324424>