

Rabbit ARF3 Polyclonal Antibody | anti-ARF3 antibody

ARF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31188	Rabbit	Human, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Chicken(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

ARF3; Polyclonal Antibody; ARF3 Antibody; ADP ribosylation factor 3; ADP-ribosylation factor 3; ARF3_HUMAN; small GTP binding protein; anti-ARF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	ARF3 Antibody detects endogenous levels of total ARF3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	181
Applicable Applications for anti-ARF3 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human ARF3, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31188 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31188) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry-Paraffin)

AAA31188 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31188 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31188 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31188 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31188 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARF3 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.
	Subcellular Location: Golgi apparatus. Cytoplasm>Perinuclear region.
	Subunit Structure: Interacts with PRKCABP. Interacts with PI4KB and NCS1/FREQ at the Golgi complex.
	Similarity: Belongs to the small GTPase superfamily. Arf family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502203
NCBI GeneID	377
NCBI Accession #	NP_001650.1
NCBI GenBank Nucleotide #	NP_001650.1
UniProt Accession #	P61204
Molecular Weight	Observed Molecular Weight: (Observed)20kD. Predicted Molecular Weight: (Calculated)21kDa.
NCBI Official Full Name	ADP-ribosylation factor 3
NCBI Official Synonym Full Names	ADP ribosylation factor 3

NCBI Official Symbol	ARF3
NCBI Protein Information	ADP-ribosylation factor 3
UniProt Protein Name	ADP-ribosylation factor 3
UniProt Gene Name	ARF3
UniProt Entry Name	ARF3_HUMAN

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://stage.aaabiotech.com/polyclonal/arf3-antibody-elisa/31188>