

Rabbit anti-Human ARF3 Polyclonal Antibody | anti-ARF3 antibody

Anti-ARF3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257542	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ARF3; Polyclonal Antibody; Anti-ARF3 Antibody; Rabbit Polyclonal; ARF3 Antibody; Rabbit PAb; Antigen Affinity Purified; ADP-ribosylation factor 3; anti-ARF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ARF3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-ARF3 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ARF3 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ARF3 (rh ARF3; P61204; Met1-Lys181). ARF3 specific IgG was purified by Human ARF3 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

ARF3 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate, Lane B: 0.5 mg HepG2 Whole Cell Lysate, Lane C: 0.5 mg Raji Whole Cell Lysate, Lane D: 0.5 mg MCF7 Whole Cell Lysate. 4 uL anti-ARF3 rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-ARF3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 19 kDa. Observed band size: 19 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of ARF3 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ARF3 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-ARF3 rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLane B: HepG2 Whole Cell LysateLane C: Raji Whole Cell LysateLane D: MCF7 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:20 kDaObserved band size:20 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARF3 antibody	Background: ARF3, also known as ADP-ribosylation factor 3, belongs to the RAS superfamily. Members of this family include ARF1, ARF2, ARF3, ARF4, ARF5 and ARF6. ARF3 gene is a member of the human ARF gene family. These genes 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. ARF3 functions as an allosteric activator of the cholera toxin subunit, an ADP-ribosyltransferase. It is involved in protein trafficking and may modulate vesicle budding and uncoating within the Golgi apparatus.
References	Hirai M. et al., 1997, Genomics. 34 (2): 263-5. Kanoh H. et al., 1997, J Biol Chem. 272 (9): 5421-9. Boman. et al., 2002, Mol Biol Cell. 13 (9): 3078-95.

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-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/257542>