

Rabbit anti-Human ARL3 Polyclonal Antibody | anti-ARL3 antibody

ARL3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284210	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

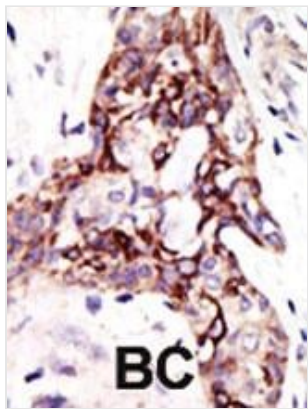
PRODUCT SYNONYMS

ARL3; Polyclonal Antibody; ARL3 Antibody (C-term); ADP-ribosylation factor-like protein 3; ARFL3; anti-ARL3 antibody

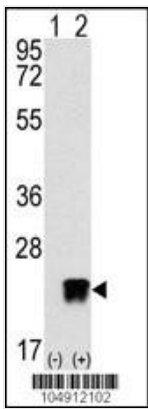
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the C-terminal region of human ARL3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	144-173
Sequence Length	182
Applicable Applications for anti-ARL3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

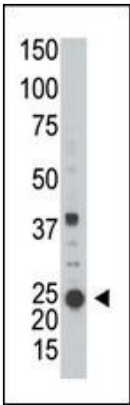
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of ARL3 (arrow) using rabbit polyclonal ARL3 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ARL3 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-ARL3 in A2058 cell line lysate (35ug/lane).ARL3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL3 antibody	ADP-ribosylation factors (ARFs) are low molecular weight GTP-binding proteins belonging to the RAS superfamily. The predicted 182-amino acid ARL3 (ADP-ribosylation like factor) protein shares 97% amino acid identity with rat ARL3 and 43% identity with human ARF1. Like the ARFs, ARL3 has a glycine at position 2, the site of N myristoylation, and lacks cysteine residues near the C terminus, which are found in other members of the RAS family. Northern blot analysis detected a 1-kb ARL3 transcript in all tissues tested, with highest expression in heart and lung, and lower expression in brain, liver, kidney, ovary, and testis. A 5.5-kb transcript was also detected in most tissues, with highest expression in brain. Immunoblot analysis detected ARL3 in human tumor cell lines but not in normal rodent cells. Although ARL3 binds GTP, it is devoid of activity in the cholera toxin-dependent ADP-ribosylation of Gs, and is therefore classified as an ARF-like protein.
Product Categories/Family for anti-ARL3 antibody	Cancer; Signal Transduction
References	Cavenagh, M.M., et al., J. Biol. Chem. 269(29):18937-18942 (1994). Adams, M.D., et al., Nature 377 (6547 Suppl), 3-174 (1995). Kim, H.S., Cytogenet. Cell Genet. 83 (3-4), 246 (1998). Wistow, G., et al., Mol. Vis. 8, 196-204 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757774
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NCBI GeneID	403
NCBI Accession #	NP_004302.1
NCBI GenBank Nucleotide #	NM_004311.3
UniProt Accession #	P36405; Q53X83; Q5JSM2; B2R6C7
Molecular Weight	20456
NCBI Official Full Name	ADP-ribosylation factor-like protein 3
NCBI Official Synonym Full Names	ADP-ribosylation factor-like 3
NCBI Official Symbol	ARL3
NCBI Official Synonym Symbols	ARFL3
NCBI Protein Information	ADP-ribosylation factor-like protein 3
UniProt Protein Name	ADP-ribosylation factor-like protein 3
UniProt Gene Name	ARL3
UniProt Synonym Gene Names	ARFL3
UniProt Entry Name	ARL3_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/arl3-antibody-immunohistochemistry-western-blot-elisa/284210>