

Rabbit ARL1 Polyclonal Antibody | anti-ARL1 antibody

ARL1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284328	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

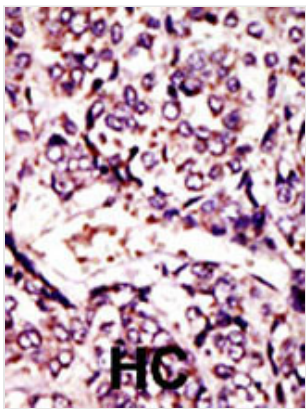
PRODUCT SYNONYMS

ARL1; Polyclonal Antibody; ARL1 Antibody (N-term); ADP-ribosylation factor-like protein 1; anti-ARL1 antibody

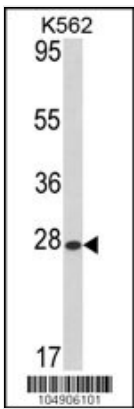
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ARL1.
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	1-30
Sequence Length	164
Applicable Applications for anti-ARL1 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 (Immunohiostchemistry)
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 hARL1-G3 in K562 cell line lysates (35ug/lane). ARL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL1 antibody	ARL1 belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner.
Product Categories/Family for anti-ARL1 antibody	Signal Transduction
References	Hong, J.X., et al., J. Biol. Chem. 273(25):15872-15876 (1998). Zhang, G.F., et al., J. Biol. Chem. 270(1):21-24 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502227
NCBI GeneID	400
NCBI Accession #	NP_001168.1
NCBI GenBank Nucleotide #	NM_001177.5
UniProt Accession #	P40616; P80417; Q53XB1; B4DWW1
Molecular Weight	20418
NCBI Official Full Name	ADP-ribosylation factor-like protein 1 isoform 1
NCBI Official Synonym Full Names	ADP-ribosylation factor-like 1
NCBI Official Symbol	ARL1
NCBI Official Synonym Symbols	ARFL1
NCBI Protein Information	ADP-ribosylation factor-like protein 1
UniProt Protein Name	ADP-ribosylation factor-like protein 1
UniProt Gene Name	ARL1
UniProt Entry Name	ARL1_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/ar11-antibody-immunohistochemistry-western-blot-elisa/284328>