

Rabbit anti-Human ARL6 Polyclonal Antibody | anti-ARL6 antibody

ARL6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288192	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

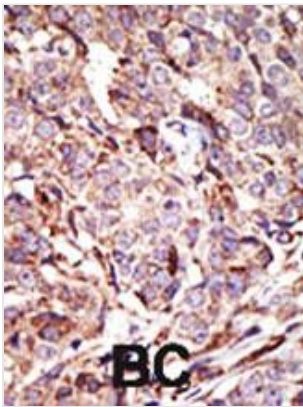
PRODUCT SYNONYMS

ARL6; Polyclonal Antibody; ARL6 Antibody (N-term); ADP-ribosylation factor-like protein 6; Bardet-Biedl syndrome 3 protein; BBS3; anti-ARL6 antibody

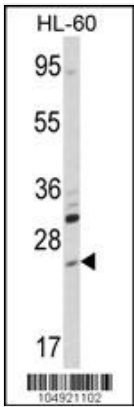
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ARL6.
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	186
Applicable Applications for anti-ARL6 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 (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC 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 hARL6-M1 in HL-60 cell line lysates (35ug/lane). ARL6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL6 antibody	ARL6 belongs to the ARF family of GTP-binding proteins. ARF proteins are important regulators of cellular traffic and are the founding members of an expanding family of homologous proteins and genomic sequences. They depart from other small GTP-binding proteins by a unique structural device that implements front-back communication from the N-terminus to the nucleotide-binding site. Studies of the mouse ortholog of this protein suggest an involvement in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been described.
Product Categories/Family for anti-ARL6 antibody	Signal Transduction
References	Pasqualato, S., et al., EMBO Rep. 3(11):1035-1041 (2002). Ingley, E., et al., FEBS Lett. 459(1):69-74 (1999). Jacobs, S., et al., FEBS Lett. 456(3):384-388 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	507834146
NCBI GeneID	84100
NCBI Accession #	NP_001265222.1; NP_115522.1; NP_816931.1
NCBI GenBank Nucleotide #	NM_001278293.1
UniProt Accession #	Q9H0F7; A8KA93; D3DN31
Molecular Weight	21097
NCBI Official Full Name	ADP-ribosylation factor-like protein 6
NCBI Official Synonym Full Names	ADP-ribosylation factor-like 6
NCBI Official Symbol	ARL6
NCBI Official Synonym Symbols	BBS3; RP55
NCBI Protein Information	ADP-ribosylation factor-like protein 6
UniProt Protein Name	ADP-ribosylation factor-like protein 6
UniProt Gene Name	ARL6
UniProt Synonym Gene Names	BBS3

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/ar16-antibody-immunohistochemistry-western-blot-elisa/288192>