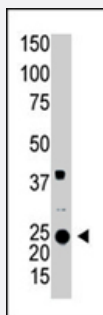


ARL3 polyclonal antibody

Catalog # PAB4262

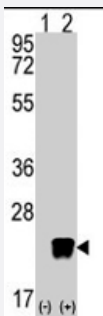
Size 400 uL

Applications



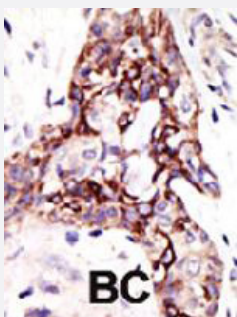
Western Blot (Cell lysate)

Western blot analysis of ARL3 polyclonal antibody (Cat # PAB4262) in A2058 cell line lysate (35 ug/lane). ARL3 (arrow) was detected using the purified ARL3 polyclonal antibody (Cat # PAB4262).



Western Blot (Transfected lysate)

Western blot analysis of ARL3 (arrow) using rabbit ARL3 polyclonal antibody (Cat # PAB4262). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ARL3 gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with ARL3 polyclonal antibody (Cat # PAB4262), 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.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of ARL3.

Immunogen

A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human ARL3.

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of ARL3 polyclonal antibody (Cat # PAB4262) in A2058 cell line lysate (35 ug/lane). ARL3 (arrow) was detected using the purified ARL3 polyclonal antibody (Cat # PAB4262).

- Western Blot (Transfected lysate)

Western blot analysis of ARL3 (arrow) using rabbit ARL3 polyclonal antibody (Cat # PAB4262). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ARL3 gene (Lane 2) (Origene Technologies).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with ARL3 polyclonal antibody (Cat # PAB4262), 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.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARL3

Entrez GeneID	403
Protein Accession#	P36405;NP_004302

Gene Name	ARL3
Gene Alias	ARFL3
Gene Description	ADP-ribosylation factor-like 3
Omim ID	604695
Gene Ontology	Hyperlink
Gene Summary	ADP-ribosylation factor-like 3 is a member of the ADP-ribosylation factor family of GTP-binding proteins. ARL3 binds guanine nucleotides but lacks ADP-ribosylation factor activity. [provided by RefSeq]
Other Designations	ARF-like 3 OTTHUMP00000020373

Publication Reference

- [Assignment of the human ADP-ribosylation factor-like 3 \(ARL3\) gene to chromosome 10 band q23.3 by radiation hybrid mapping.](#)
Kim HS.
Cytogenetics and Cell Genetics 1998 Dec; 83(3-4):246.
- [Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence.](#)
Adams MD, Kerlavage AR, Fleischmann RD, Fuldner RA, Bult CJ, Lee NH, Kirkness EF, Weinstock KG, Gocayne JD, White O, et al..
Nature 1995 Sep; 377(6547 Suppl):3.
- [ADP-ribosylation factor \(ARF\)-like 3, a new member of the ARF family of GTP-binding proteins cloned from human and rat tissues.](#)
Cavenagh MM, Breiner M, Schurmann A, Rosenwald AG, Terui T, Zhang C, Randazzo PA, Adams M, Joost HG, Kahn RA.
The Journal of Biological Chemistry 1994 Jul; 269(29):18937.

Application: WB-Ce, WB-Ti, Human, Mouse, HeLa, HL-60, H-226, H-345, MCF-7, NRK, PC-3 cells, Mouse brains, Recombinant protein

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)