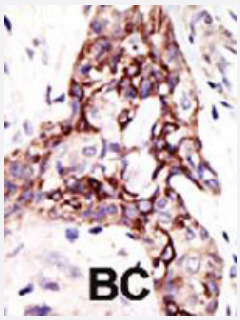
ARL3 polyclonal antibody

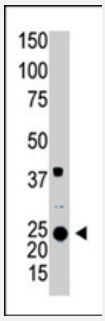
Catalog # PAB4262 Size 400 uL

Applications



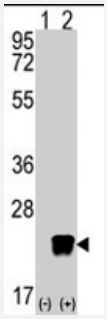
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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 .



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).

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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 shoul d be handled by trained staff only.

Applications

- 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

- 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).

Gene Info — ARL3

Entrez GeneID	403
Protein Accession#	P36405;NP_004302

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.