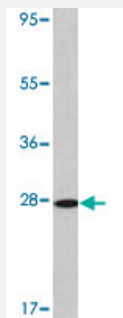


ARL1 polyclonal antibody

Catalog # PAB4256

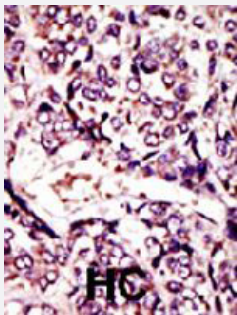
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate (35 ug/lane) with ARL1 polyclonal antibody (Cat # PAB4256).



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with ARL1 polyclonal antibody (Cat # PAB4256) , 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 . HC = hepatocarcinoma .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ARL1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human ARL1.
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 K-562 cell lysate (35 ug/lane) with ARL1 polyclonal antibody (Cat # PAB4256).

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARL1

Entrez GeneID	400
Protein Accession#	NP_001168:P40616
Gene Name	ARL1
Gene Alias	ARFL1
Gene Description	ADP-ribosylation factor-like 1
Omim ID	603425
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Phospholipid- and GTP-dependent activation of cholera toxin and phospholipase D by human ADP-ribosylation factor-like protein 1 \(HARL1\).](#)

Hong JX, Lee FJ, Patton WA, Lin CY, Moss J, Vaughan M.

The Journal of Biological Chemistry 1998 Jun; 273(25):15872.

Application: WB-Re, WB-Ti, Human, Brains, Hearts, Kidneys, Livers, Lungs, Recombinant proteins, Skeletal muscles

- [Different ARF domains are required for the activation of cholera toxin and phospholipase D.](#)

Zhang GF, Patton WA, Lee FJ, Liyanage M, Han JS, Rhee SG, Moss J, Vaughan M.

The Journal of Biological Chemistry 1995 Jan; 270(1):21.