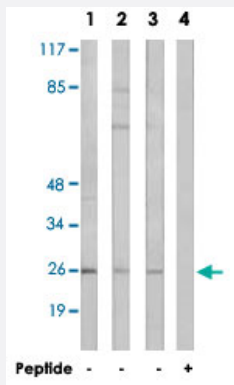


ARF4 polyclonal antibody

Catalog # PAB17597 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from LoVo cells (Lane 1), K-562 cells (Lane 2 and lane 4) and HT-29 cells (Lane 3), using ARF4 polyclonal antibody (Cat # PAB17597).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ARF4.
Immunogen	A synthetic peptide corresponding to amino acids 71-120 of human ARF4.
Host	Rabbit
Theoretical MW (kDa)	20
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total ARF4 protein.
Form	Liquid
Purification	Affinity chromatography
Recommend Usage	ELISA (1:40000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

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 extracts from LoVo cells (Lane 1), K-562 cells (Lane 2 and lane 4) and HT-29 cells (Lane 3), using ARF4 polyclonal antibody (Cat # PAB17597).
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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARF4

Entrez GeneID[378](#)**Protein Accession#**[P18085](#)**Gene Name**

ARF4

Gene Alias

ARF2

Gene Description

ADP-ribosylation factor 4

Omim ID[601177](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the human ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have been reported for this gene. [provided by RefSeq]

Other Designations

ADP-ribosylation factor 2