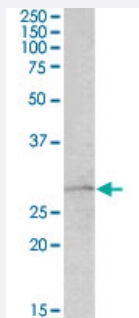# ARHGDIA polyclonal antibody

Catalog #   PAB19057   Size   100 ug

Applications

Western Blot (Tissue lysate)

ARHGDIA polyclonal antibody (Cat # PAB19057) (1 ug/mL) staining of mouse lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ARHGDIA.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human ARHGDIA.
Sequence	C-QLAQIAAENE
Host	Goat
Theoretical MW (kDa)	28
Reactivity	Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 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 (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARHGDIA

Entrez GeneID	396
Protein Accession#	NP_004300.1
Gene Name	ARHGDIA
Gene Alias	GDIA1, MGC117248, RHOGDI, RHOGDI-1
Gene Description	Rho GDP dissociation inhibitor (GDI) alpha
Omim ID	601925
Gene Ontology	Hyperlink
Gene Summary	Aplysia Ras-related homologs (ARHs), also called Rho genes, belong to the RAS gene superfamily encoding small guanine nucleotide exchange (GTP/GDP) factors. The ARH proteins may be kept in the inactive, GDP-bound state by interaction with GDP dissociation inhibitors, such as ARHGDIA (Leffers et al., 1993 [PubMed 8262133]).[supplied by OMIM
Other Designations	-

Pathway

- Neurotrophin signaling pathway