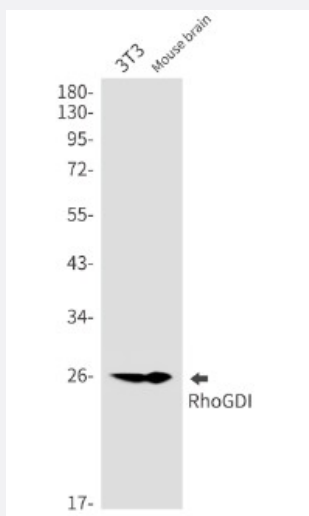


RecomAb™

ARHGDIA recombinant monoclonal antibody, clone R07-1D8

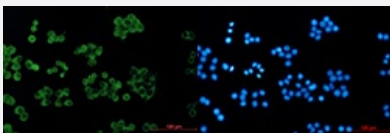
Catalog # RAB01368 Size 100 uL

Applications



Western Blot

Western Blot analysis of 3T3, mouse brain lysates with ARHGDIA recombinant monoclonal antibody, clone R07-1D8 (Cat # RAB01368).



Immunocytochemistry

Immunocytochemistry analysis of RhoGDI (green) in Hela using RhoGDI antibody, and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ARHGDIA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ARHGDIA.
Theoretical MW (kDa)	Calculated MW: 23 kD

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and 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

Western Blot analysis of 3T3, mouse brain lysates with ARHGDI recombinant monoclonal antibody, clone R07-1D8 (Cat # RAB01368).

- Immunocytochemistry

Immunocytochemistry analysis of RhoGDI (green) in Hela using RhoGDI antibody, and DAPI (blue).

- Immunofluorescence

Gene Info — ARHGDI

Entrez GeneID	396
Protein Accession#	P52565
Gene Name	ARHGDI
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 ARH GDIA (Leffers et al., 1993 [PubMed 8262133]).[supplied by OMIM]

Other Designations

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Pathway

- [Neurotrophin signaling pathway](#)