

ARHGEF12 Antibody

Catalog No: #34992

Package Size: #34992-1 50ul #34992-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

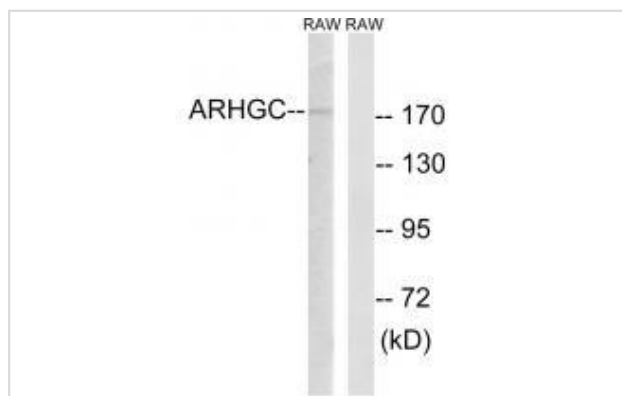
Description

Product Name	ARHGEF12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ARHGEF12 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ARHGEF12.
Target Name	ARHGEF12
Other Names	ARHGC; ARHGEF12; Leukemia-associated RhoGEF; RHO guanine nucleotide exchange factor (GEF) 12 (LARG); Rho guanine nucleotide exchange factor 12
Accession No.	Swiss-Prot: Q9NZN5NCBI Gene ID: 23365
Uniprot	Q9NZN5
GeneID	23365;
SDS-PAGE MW	173kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from RAW264.7 cells, using ARHGEF12 antibody #34992.

Background

May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13). Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating protein (GAP) for GNA12 and GNA13.

Kourlas P.J., Proc. Natl. Acad. Sci. U.S.A. 97:2145-2150(2000).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Nagase T., DNA Res. 4:141-150(1997).

Note: This product is for in vitro research use only