

LARG Polyclonal Antibody

Catalog # AP70718

Product Information

Application	WB, IHC-P
Primary Accession	Q9NZN5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	173232

Additional Information

Gene ID	23365
Other Names	ARHGEF12; KIAA0382; LARG; Rho guanine nucleotide exchange factor 12; Leukemia-associated RhoGEF
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

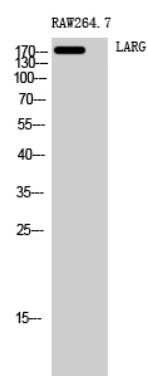
Name	ARHGEF12 (HGNC:14193)
Function	Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase and may act as GTPase-activating protein (GAP) for GNA12 and GNA13 (PubMed: 11094164). May play a role in the regulation of RhoA GTPase by guanine nucleotide-binding alpha-12 (GNA12) and alpha-13 (GNA13) (PubMed: 11094164). Promotes endothelial cell and actin stress fiber reorientation in response to mechanotransduction (By similarity).
Cellular Location	Cytoplasm. Membrane. Note=Translocated to the membrane upon stimulation.
Tissue Location	Ubiquitously expressed. Isoform 2 is found in jejunum and testis

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.

Images



Western Blot analysis of RAW264.7 cells using LARG Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.