

产品名称: LARG Rabbit Polyclonal Antibody
产品货号: APRab13217



产品概述 (Summary)

产品名称 (Production Name)	LARG Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ARHGEF12
别名 (Alternative Names)	ARHGEF12; KIAA0382; LARG; Rho guanine nucleotide exchange factor 12; Leukemia-associated RhoGEF
基因 ID (Gene ID)	23365.0
蛋白 ID (SwissProt ID)	Q9NZN5.The antiserum was produced against synthesized peptide derived from human ARHGEF12. AA range:449-498

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	173kDa

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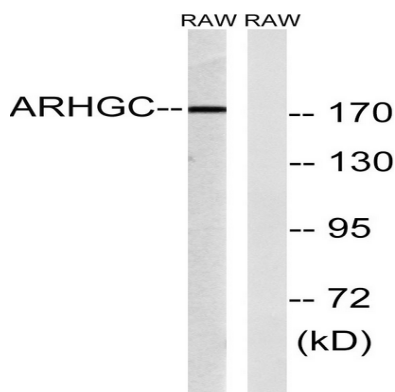
研究背景 (Background)

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli working through G protein-coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein has been observed to form a myeloid/lymphoid fusion partner in acute myeloid leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014], disease: A chromosomal aberration involving ARHGEF12 may be a cause of acute leukemia. Translocation t(11;11)(q23;23) with MLL, function: 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., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., sequence caution: Contaminating sequence. Potential poly-A sequence., similarity: Contains 1 DH (DBL-homology) domain., similarity: Contains 1 PDZ (DHR) domain., similarity: Contains 1 PH domain., similarity: Contains 1 RGSL (RGS-like) domain., subcellular location: Translocated to the membrane upon stimulation., subunit: Interacts with GNA12 and GNA13, probably through the RGS-like domain. Interacts with RHOA, PLXNB1 and PLXNB2. Interacts through its PDZ domain with IGF1R beta subunit., tissue specificity: Ubiquitously expressed. Isoform 2 is found in jejunum and testis.,

研究领域 (Research Area)

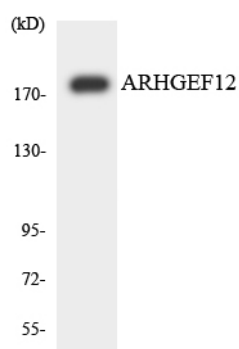
Regulation of Actin Dynamics; AMPK

图片 (Image Data)

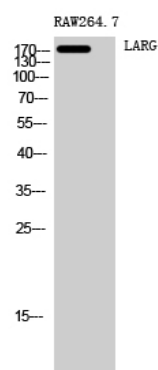


Western blot analysis of lysates from RAW264.7 cells, using ARHGEF12 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVEC cells using ARHGEF12 antibody.



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

注意事项 (Note)

For research use only .