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ARHGEF6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16738b

Product Information

Application	WB, E
Primary Accession	Q15052
Other Accession	NP_004831.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36291
Calculated MW	87499
Antigen Region	614-641

Additional Information

Gene ID	9459
Other Names	Rho guanine nucleotide exchange factor 6, Alpha-Pix, COOL-2, PAK-interacting exchange factor alpha, Rac/Cdc42 guanine nucleotide exchange factor 6, ARHGEF6, COOL2, KIAA0006, PIXA
Target/Specificity	This ARHGEF6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 614-641 amino acids from the C-terminal region of human ARHGEF6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ARHGEF6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARHGEF6
Synonyms	COOL2, KIAA0006, PIXA

Function	Acts as a RAC1 guanine nucleotide exchange factor (GEF).
Cellular Location	Cell projection, lamellipodium {ECO:0000250|UniProtKB:Q8K4I3}
Tissue Location	Ubiquitous.

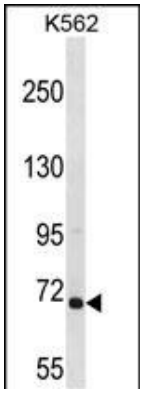
Background

Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It may form a complex with G proteins and stimulate Rho-dependent signals. This protein is activated by PI3-kinase. Mutations in this gene can cause X-chromosomal non-specific mental retardation. [provided by RefSeq].

References

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Lim, J.W., et al. Scand. J. Gastroenterol. 44(10):1166-1172(2009)
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Images



ARHGEF6 Antibody (C-term) (Cat. #AP16738b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the ARHGEF6 antibody detected the ARHGEF6 protein (arrow).

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