10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RAB40A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17918c

Product Information

Application	WB, E
Primary Accession	Q8WXH6
Other Accession	P0C0E4, NP_543155.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36205
Calculated MW	31076
Antigen Region	91-118

Additional Information

Gene ID	142684
Other Names	Ras-related protein Rab-40A, SOCS box-containing protein RAR2A, Protein Rar-2, RAB40A
Target/Specificity	This RAB40A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-118 amino acids from the Central region of human RAB40A.
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	RAB40A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RAB40A (HGNC:18283)
Function	RAB40A small GTPase acts as substrate-recognition component of the ECS(RAB40A) E3 ubiquitin ligase complex which mediates the ubiquitination

and subsequent proteasomal degradation of target proteins (PubMed:26598620). The Rab40 subfamily belongs to the Rab family that are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). As part of the ECS(RAB40A) complex, mediates RHOU 'Lys-48'-linked ubiquitination and degradation, thus inhibiting focal adhesion disassembly during cell migration (PubMed:26598620).

Cellular Location Cell membrane; Lipid-anchor; Cytoplasmic side

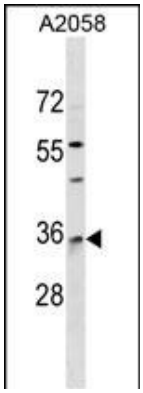
Background

This gene encodes a member of the Rab40 subfamily of Rab small GTP-binding proteins that contains a C-terminal suppressors of cytokine signaling box.

References

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Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002)
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Images



RAB40A Antibody (Center) (Cat. #AP17918c) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the RAB40A antibody detected the RAB40A protein (arrow).

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