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

ARHGAP25 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4865c

Product Information

Application	IHC-P, WB, E
Primary Accession	P42331
Other Accession	Q8BYW1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22842
Calculated MW	73435
Antigen Region	193-219

Additional Information

Gene ID	9938
Other Names	Rho GTPase-activating protein 25, Rho-type GTPase-activating protein 25, ARHGAP25, KIAA0053
Target/Specificity	This ARHGAP25 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-219 amino acids from the Central region of human ARHGAP25.
Dilution	IHC-P~~1:100~500 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	ARHGAP25 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARHGAP25
Synonyms	KIAA0053

Function GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.

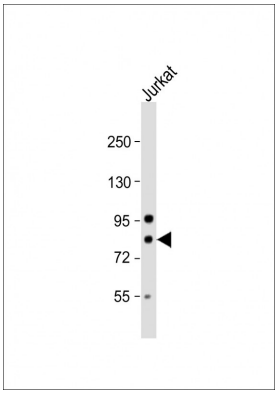
Background

ARHGAP25 encode negative regulators of Rho GTPases (see ARHA; MIM 165390), which are implicated in actin remodeling, cell polarity, and cell migration.

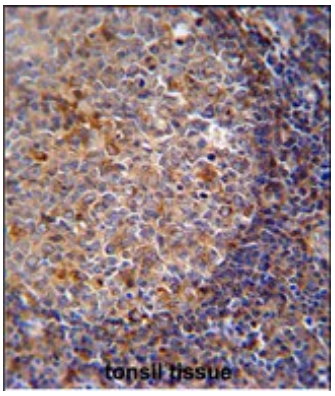
References

Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)
Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009)
Katoh, M., et al. Int. J. Mol. Med. 14(2):333-338(2004)

Images



Anti-ARHGAP25 Antibody (Center) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ARHGAP25 Antibody (Center) (Cat. #AP4865c) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ARHGAP25 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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