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KIAA1688 Rabbit pAb

Catalog # AP97871

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9C0H5
Other Accession	Q9C0H5
Predicted	Rat, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121286
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1688
Epitope Specificity	801-900/1083
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 MyTH4 domain.Contains 1 Rho-GAP domain.Contains 2 WW domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GTPase-activating proteins (GAPs) accelerate the intrinsic rate of GTP hydrolysis of Ras-related proteins, resulting in down regulation of their active form. KIAA1688, also known as ARHGAP39 (Rho GTPase activating protein 39), CrGAP or Vilse, is a 1,083 amino acid nuclear protein that contains one MyTH4 domain, one Rho-GAP domain and two WW domains. KIAA1688 is encoded by a gene located on human chromosome 8, which consists of nearly 146 million bases and encodes approximately 800 genes. Chromosome 8 is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that maps to chromosome 8.

Additional Information

Gene ID	80728
Other Names	CrGAP; Vilse; RHG39_HUMAN; ARHGAP39; KIAA1688; RHG39_MOUSE; D15Wsu169e; Rho GTPase activating protein 39; RhoGAP93B homolog (Drosophila); crossGAP homolog (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ARHGAP39
Synonyms	KIAA1688
Cellular Location	Nucleus.

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