

KIAA1688 Rabbit pAb

Catalog # AP97871

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9C0H5
Other Accession	Q9C0H5
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=1:500 0-10000
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'.