

bs-17022R**[Primary Antibody]****KIAA1688 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Cow, Horse) Predicted MW.: 121 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 80728	SWISS: Q9C0H5	
Target: KIAA1688		
Immunogen: KLH conjugated synthetic peptide derived from human KIAA1688: 801-900/1083.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		