

KIAA1211 Rabbit pAb

Catalog # AP96304

Product Information

Application	WB, E
Primary Accession	Q6ZU35
Other Accession	Q6ZU35
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	136760
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KIAA1211
Epitope Specificity	1061-1160/1233
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	KIAA1191 is a 305 amino acid protein that belongs to the UPF0498 family and exists as three alternatively spliced isoforms. The gene that encodes KIAA1191 consists of approximately 15,908 bases and maps to human chromosome 5q35.2. With 181 million base pairs, Chromosome 5 comprises nearly 6% of the human genome. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5-associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	57482
Other Names	2810489J07Rik; 4930529A19Rik; 4931405B09Rik; C530008M17Rik; Crad; Gm10430; mKIAA1211; CRACD_HUMAN; CRACD; Cancer-related regulator of actin dynamics; KIAA1211; CRACD_MOUSE; capping protein inhibiting regulator of actin dynamics
Dilution	WB=1:500-2000,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	CRACD (HGNC:29219)
Function	Involved in epithelial cell integrity by acting on the maintenance of the actin cytoskeleton. Positively regulates the actin polymerization, by inhibiting the interaction of actin-capping proteins with actin.
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Expressed in intestinal epithelial cells (at protein level).

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