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C7orf63 Rabbit pAb

Catalog # AP98802

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	A5D8W1
Other Accession	A5D8W1
Predicted	Rat, Pig, Human, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105883
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C7orf63
Epitope Specificity	101-200/941
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	Chromosome 7 is about 158 milllion bases long, encodes over 1000 genes and makes up about 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia. The FLJ21062 gene product has been provisionally designated FLJ21062 pending further characterization.

Additional Information

Gene ID	79846
Other Names	C7orf63; FAP69; SPGF24; CFA69_HUMAN; CFAP69; cilia and flagella associated protein 69; chromosome 7 open reading frame 63; hypothetical protein FLJ21062; flagellar protein 69 homolog (Chlamydomonas)
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	CFAP69 (HGNC:26107)
Function	Cilium- and flagellum-associated protein (PubMed: 29606301). In the olfactory epithelium, regulates the speed of activation and termination of the odor response and thus contributes to the robustness of olfactory transduction pathways (By similarity). Required for sperm flagellum assembly and stability (PubMed:29606301).
Cellular Location	Cell projection, cilium {ECO:0000250|UniProtKB:Q8BH53}. Cell projection, cilium, flagellum. Note=Localizes to the midpiece of the sperm flagellum.
Tissue Location	Highly expressed in the testis, specifically in sperm (at protein level) (PubMed:29606301). Expressed in the brain, kidney, liver, lung, and intestine (PubMed:29606301)

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