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C6orf165 Rabbit pAb

Catalog # AP96578

Product Information

Application	WB, E
Primary Accession	Q8IYR0
Other Accession	Q8IYR0
Predicted	Rat, Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71193
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C6orf165
Epitope Specificity	101-200/622
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the UPF0704 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf165 gene product has been provisionally designated C6orf165 pending further characterization.

Additional Information

Gene ID	154313
Other Names	C6orf165; dJ382I10.1; CF206_HUMAN; CFAP206; cilia and flagella associated protein 206; chromosome 6 open reading frame 165
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	CFAP206 (HGNC:21405)
Function	Essential for sperm motility and is involved in the regulation of the beating frequency of motile cilia on the epithelial cells of the respiratory tract (By similarity). Required for the establishment of radial spokes in sperm flagella (PubMed:34255152).
Cellular Location	Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q6PE87}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q6PE87}
Tissue Location	Highly expressed in testis.

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