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CHCHD10 Rabbit pAb

Catalog # AP97727

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8WYQ3
Other Accession	Q8WYQ3
Predicted	Rat, Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14149
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CHCHD10
Epitope Specificity	81-142/142
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 CHCH domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Chromosome 22 contains over 500 genes and about 49 million bases. Being the second smallest human chromosome, 22 contains a surprising variety of interesting genes. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translo-acations between chromosomes 9 and 22 may lead to the formation of the Philadelphia chromosome and the subsequent production of the novel fusion protein, Bcr-Abl, a potent cell proliferation activator found in several types of leukemia. The C22orf16 gene product has been provisionally designated CHCHD10 pending further characterization.

Additional Information

Gene ID	400916
Other Names	C22orf16; FTDALS2; IMMD; MIX17A; N27C7-4; SMAJ; CHC10_HUMAN; CHCHD10; Protein N27C7-4; coiled-coil-helix-coiled-coil-helix domain containing 10; chromosome 22 open reading frame 16; MIX17 homolog A
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	CHCHD10
Synonyms	C22orf16
Function	May be involved in the maintenance of mitochondrial organization and mitochondrial cristae structure.
Cellular Location	Mitochondrion intermembrane space. Note=Enriched at the cristae junctions
Tissue Location	Ubiquitously expressed. Higher expression is observed in heart and liver.

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