



## Rabbit Anti-CHCHD10 antibody

SL13888R

<b>Product Name:</b>	CHCHD10
<b>Chinese Name:</b>	卷曲螺旋结构域蛋白CHCHD10抗体
<b>Alias:</b>	C22orf16; CHC10_HUMAN; CHCHD10; Chromosome 22 open reading frame 16; Coiled coil helix coiled coil helix domain containing 10; Coiled coil helix coiled coil helix domain containing protein 10 mitochondrial; Coiled-coil-helix-coiled-coil-helix domain-containing protein 10; MGC70831; mitochondrial; N27C7-4; OTTHUMP00000198408; OTTHUMP00000198409; Protein N27C7-4.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	12.5kDa
<b>Cellular localization:</b>	cytoplasmic <a href="#">Mitochondrion</a>
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CHCHD10:81-142/142
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. Translocations 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.

**Subcellular Location:**

Mitochondrion.

**Similarity:**

Contains 1 CHCH domain.

**SWISS:**

Q8WYQ3

**Gene ID:**

400916

**Database links:**

[Entrez Gene: 400916](#) Human

[SwissProt: Q8WYQ3](#) Human

[Unigene: 66915](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.