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Rabbit Anti-CHCHD7 antibody

SL13889R

Product Name:	CHCHD7
Chinese Name:	卷曲螺旋结构域蛋白CHCHD7抗体
Alias:	Coiled coil helix coiled coil helix domain containing 7; Coiled coil helix coiled coil helix domain containing protein 7; COX23; CHCH7_HUMAN; COX23 cytochrome c oxidase assembly homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=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.
Molecular weight:	10kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CHCHD7:41-85/85
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	CHCHD7 is an 85 amino acid protein that contains one CHCH domain. A chromosomal translocation involving the CHCHD7 gene and PLAG1 gene is found in salivary gland pleiomorphic adenomas, the most common benign epithelial tumors of the salivary gland. There are three isoforms of CHCHD7 that are produced as a result of alternative splicing events. The gene encoding CHCHD7 maps to human chromosome 8, which is

made up of nearly 146 million bases and encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects.

Subunit:
Monomer.

Subcellular Location:
Mitochondrion intermembrane space

DISEASE:
Note=A chromosomal aberration involving CHCHD7 is found in salivary gland pleiomorphic adenomas, the most common benign epithelial tumors of the salivary gland. Translocation t(6;8)(p21.3-22;q13) with PLAG1.

Similarity:
Belongs to the CHCHD7 family.
Contains 1 CHCH domain.

SWISS:
Q9BUK0

Gene ID:
79145

Database links:

Entrez Gene: 79145 Human

Omim: 611238 Human

SwissProt: Q9BUK0 Human

Unigene: 436913 Human

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