



## Rabbit Anti-CHCHD3 antibody

SL13887R

<b>Product Name:</b>	CHCHD3
<b>Chinese Name:</b>	卷曲螺旋结构域蛋白CHCHD3抗体
<b>Alias:</b>	CHCH3_HUMAN; CHCHD 3; Chchd3; Coiled coil helix coiled coil helix domain containing 3; Coiled coil helix coiled coil helix domain containing protein 3 mitochondrial; Coiled-coil-helix-coiled-coil-helix domain-containing protein 3; FLJ20420; mitochondrial.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<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>	26kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CHCHD3:1-100/227
<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>	Required for maintenance of mitochondrial crista integrity and mitochondrial function. May act as a scaffolding protein that stabilizes protein complexes involved in crista architecture and protein import. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription.

**Subcellular Location:**

Mitochondrion inner membrane. Cytoplasm. Nucleus.

**Tissue Specificity:**

Detected at low levels in brain, placenta, lung, liver, kidney and pancreas with increased levels in heart and skeletal muscle. Higher expression in primary lung cancers than in normal lung tissue.

**Similarity:**

Contains 1 CHCH domain.

**SWISS:**

Q9NX63

**Gene ID:**

54927

**Database links:**

[Entrez Gene: 54927](#) Human

[Entrez Gene: 616477](#) Cow

[Entrez Gene: 66075](#) Mouse

[Omim: 613748](#) Human

[SwissProt: Q5E9D3](#) Cow

[SwissProt: Q9NX63](#) Human

[SwissProt: Q9CRB9](#) Mouse

[Unigene: 655010](#) Human

[Unigene: 21501](#) Mouse

**Important Note:**

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