



Rabbit Anti-CCDC49 antibody

SL17611R

Product Name:	CCDC49
Chinese Name:	卷曲螺旋结构域蛋白49抗体
Alias:	Coiled-coil domain-containing protein 49; CWC25_HUMAN; Pre-mRNA-splicing factor CWC25 homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	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.
Molecular weight:	50kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC49:351-425/425
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:	Spliceosomes are large ribonucleoproteins that remove introns from nuclear pre-mRNA in a two-step reaction. CCDC49 is a 425 amino acid protein that is involved in the catalytic steps of splicing in Saccharomyces cerevisiae. CCDC49 associates with a component of the Prp19-associated complex, CEF1, which is involved in spliceosome activation. It is likely that CCDC49 facilitates juxtaposition of the 5' splice site and branch point during the final step in the first catalytic reaction. There are two isoforms

of CCDC49 that are produced as a result of alternative splicing events.

Similarity:

Belongs to the CWC25 family.

SWISS:

Q6ZUS6

Gene ID:

91050

Database links:

[Entrez Gene: 613278](#)Cow

[Entrez Gene: 91050](#)Human

[Entrez Gene: 100503884](#)Mouse

[Entrez Gene: 688939](#)Rat

[SwissProt: Q0VCP9](#)Cow

[SwissProt: Q6ZUS6](#)Human

[Unigene: 106432](#)Human

[Unigene: 332379](#)Mouse

Important Note:

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