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Rabbit Anti-CCDC51 antibody

SL6925R

Product Name:	CCDC51
Chinese Name:	卷曲螺旋结构域蛋白51抗体
Alias:	CCD51_HUMAN; CCDC51; Coiled-coil domain-containing protein 51; FLJ12436; RGD1311466; AI551049; 5730568A12Rik.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	45kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC51:151-250/411
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:	The coiled-coil domain is a structural motif found in proteins that are involved in a diverse array of biological functions such as the regulation of gene expression, cell division, membrane fusion and drug extrusion and delivery. CCDC51 (coiled-coil domain containing 51) is a 411 amino acid multi-pass membrane protein that exists as two alternatively spliced isoforms. The gene encoding CCDC51 maps to human chromosome 3, which is made up of about 214 million bases encoding over 1,100

genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Subcellular Location:
Membrane; Multi-pass membrane protein (Potential).

SWISS:
Q96ER9

Gene ID:
79714

Database links:

Entrez Gene: 79714Human

Entrez Gene: 66658Mouse

Entrez Gene: 316008Rat

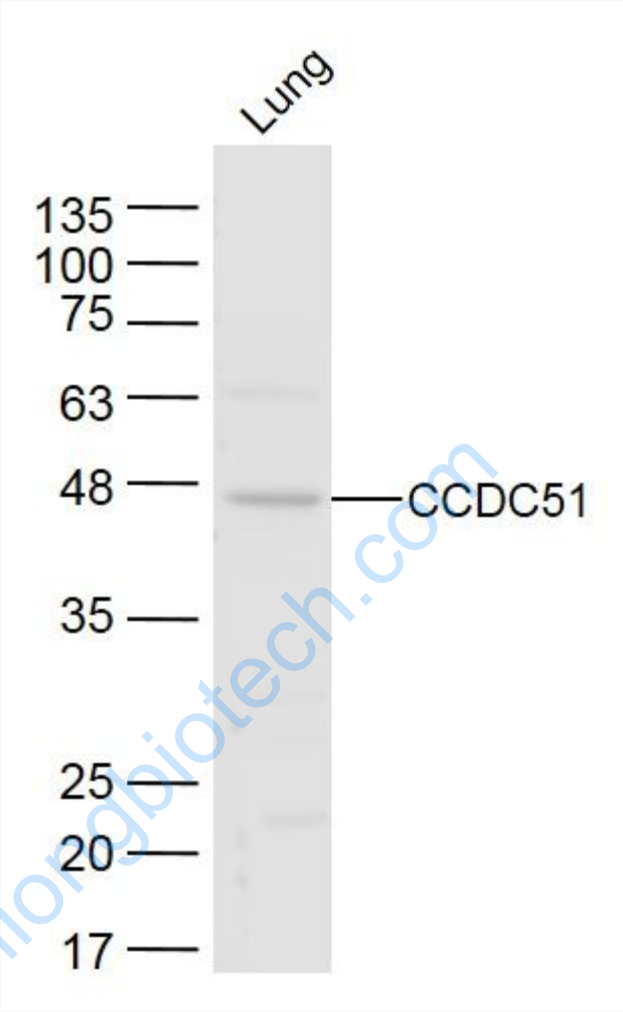
SwissProt: Q96ER9Human

SwissProt: Q3URS9Mouse

SwissProt: Q5PPN7Rat

Unigene: 187657Human

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

Picture:	 Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-CCDC51 (SL6925R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 45 kD