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Rabbit Anti-CCDC56 antibody

SL8116R

Product Name:	CCDC56
Chinese Name:	卷曲螺旋结构域蛋白56抗体
Alias:	CCD56_HUMAN; CCDC56; Coiled-coil domain-containing protein 56; HSPC009; COX25; COA 3; MITRAC12.
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:	12kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human CCDC56:51-106/106
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. CCDC56 (coiled-coil domain containing 56) is a 106 amino acid single-pass membrane protein encoded by a gene that maps to human chromosome 17q21. Encoding over 1,200 genes, chromosome 17 comprises over 2.5% of the human genome. Two key tumor suppressor genes are

	associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. **Function:** Putative COX assembly factor (By similarity). **Subcellular Location:** Mitochondrion membrane; Single-pass membrane protein (By similarity). **Similarity:** Belongs to the COA3 family. **SWISS:** Q9Y2R0 **Gene ID:** 28958 **Database links:** Entrez Gene: 28958Human SwissProt: Q9Y2R0Human Unigene: 16059Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.