

Rabbit Anti-CCDC56/Cy5 Conjugated antibody

SL8116R-Cy5

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| Product Name | Anti-CCDC56/Cy5 |
| Chinese Name | Cy5 标记的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. |
| Research Area | Cell biology immunology |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep) IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 12kDa |
| Form | Lyophilized or Liquid |
| Concentration immunogen | 1mg/ml KLH conjugated synthetic peptide derived from Human CCDC56 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Product Detail | background: 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.

Database links:

[Entrez Gene: 28958](#) Human

[SwissProt: Q9Y2R0](#) Human

[Unigene: 16059](#) Human

Important Note:

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