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# Rabbit Anti-CCDC104 antibody

SL8103R

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| **Product Name:** | CCDC104 |
| **Chinese Name:** | 卷曲螺旋结构域蛋白104抗体 |
| **Alias:** | CC104_HUMAN; CCDC104; Coiled coil domain containing 104; Coiled-coil domain-containing protein 104; MGC15407. |
| **Organism Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **React Species:** | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| **Applications:** | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight:** | 39kDa |
| **Cellular localization:** | The nucleus |
| **Form:** | Lyophilized or Liquid |
| **Concentration:** | 1mg/ml |
| **immunogen:** | KLH conjugated synthetic peptide derived from human CCDC104:241-342/342 |
| **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 癈 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癈. 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 癈. |
| **PubMed:** | PubMed |
| **Product Detail:** | CCDC104 is a 342 amino acid protein that exists as two alternatively spliced isoforms. CCDC104 undergoes post-translational phosphorylation following DNA damage, most likely by either ATR or ATM. The gene encoding CCDC104 maps to human chromosome 2, the second largest human chromosome, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human |

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| | genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene.<br><br>**Function:**<br>May act as an effector for ARL3.<br><br>**Subunit:**<br>Interacts with ARL3.<br><br>**Post-translational modifications:**<br>Phosphorylated upon DNA damage, probably by ATM or ATR.<br><br>**SWISS:**<br>Q96G28<br><br>**Gene ID:**<br>112942<br><br>**Database links:**<br>UniProtKB/Swiss-Prot: Q96G28.2<br><br>**Important Note:**<br>This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |