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# CCDC7 Rabbit pAb

CCDC7 Rabbit pAb
Catalog # AP58826

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q96M83 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Pig, Dog, Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 157448 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human CCDC7 |
| **Epitope Specificity** | 155-250/486 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | 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. Some proteins that contain coil-coiled domains include c-jun, c-fos and tropomyosin. Coiled-coil domains consist of two or more ?helices packed together via interlacing side chains. CCDC7 (Coiled-coil domain-containing protein 7) is a 486 amino acid protein that contains a coiled-coil domain and is encoded by a gene that maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman担 syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria. There are two isoforms of CCDC7 that are produced as a result of alternative splicing events. |

## Additional Information

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| **Gene ID** | 79741 |
| **Other Names** | Coiled-coil domain-containing protein 7, Protein BIOT2, CCDC7, BIOT2, C10orf68 |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

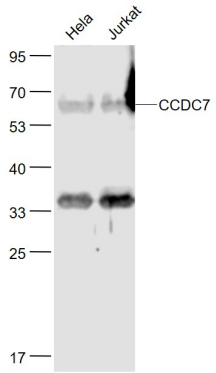
## Protein Information

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|---|---|
| **Name** | CCDC7 |
| **Synonyms** | BIOT2, C10orf68 |
| **Function** | May play a role in tumorigenesis. |
| **Tissue Location** | Expressed in epithelium of normal cervix and cervical cancer. Overexpressed in early and interim cervical cancer |

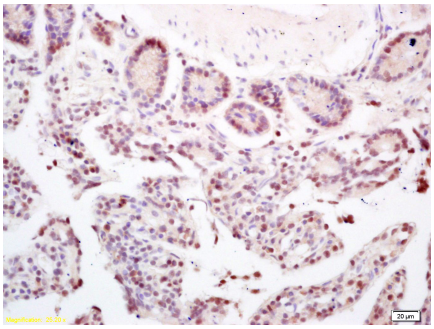
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## Images




Sample:
Hela(Human) Cell Lysate at 30 ug
Jurkat(Human) Cell Lysate at 30 ug
Primary: Anti- CCDC7 (AP58826) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD



Tissue/cell: Mouse intestine; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CCDC7 Polyclonal Antibody, Unconjugated(AP58826) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.