

# Product Datasheet

## CCDC16 Antibody - Azide and BSA Free NBP2-97135-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-97135-100ul**

CCDC16 Antibody - Azide and BSA Free

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| Clonality           | Polyclonal                                                                                  |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG                                                                                         |
| Purity              | Antigen and protein A Affinity-purified                                                     |
| Buffer              | 0.2 um filtered solution in PBS                                                             |

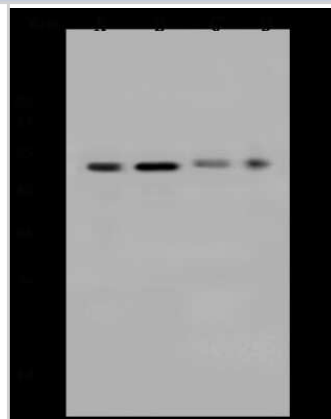
| Product Description |                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| Host                | Rabbit                                                                                                                                                                                                                         |
| Gene ID             | 91603                                                                                                                                                                                                                          |
| Gene Symbol         | ZNF830                                                                                                                                                                                                                         |
| Species             | Human                                                                                                                                                                                                                          |
| Immunogen           | Produced in rabbits immunized with E. coli-derived Human CCDC16 fragment.                                                                                                                                                      |

| Product Application Details |                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation                                                              |
| Recommended Dilutions       | Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:300-1:10000, Immunoprecipitation 5-10 uL/mg of lysate, Immunohistochemistry-Paraffin 1:500-1:2000 |

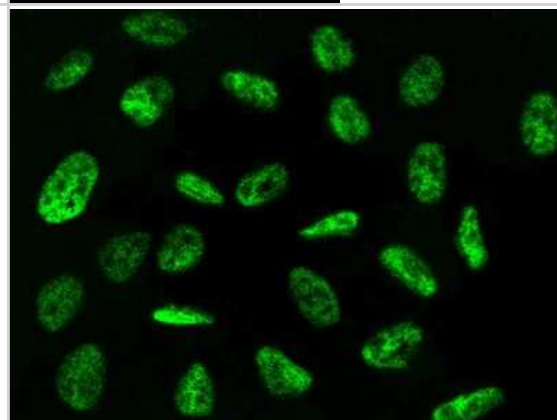


## Images

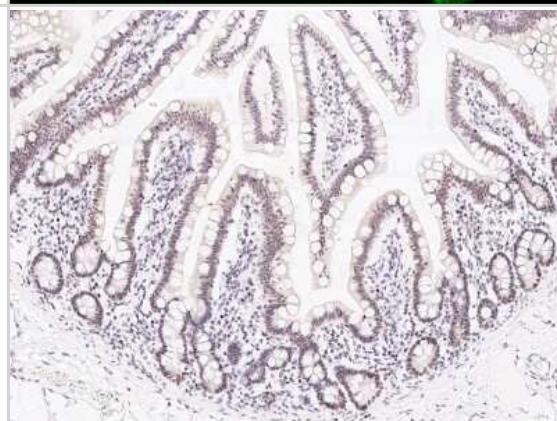
**Western Blot: CCDC16 Antibody [NBP2-97135]** - Anti-CCDC16 rabbit polyclonal antibody at 1:500 dilution. Lane A: U251MG Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: NIH3T3 Whole Cell Lysate Lane D: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 42 kDa. Observed band size: 50 kDa



**Immunocytochemistry/Immunofluorescence: CCDC16 Antibody [NBP2-97135]** - Immunofluorescence staining of CCDC16 in U251-MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CCDC16 polyclonal antibody (dilution ratio 1:1000) at 4C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus.



**Immunohistochemistry-Paraffin: CCDC16 Antibody [NBP2-97135]** - Immunochemical staining of human CCDC16 in human duodenum with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



**Immunoprecipitation: CCDC16 Antibody [NBP2-97135]** - CCDC16 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate Lane B: 0.5 mg HeLa Whole Cell Lysate 4 ul anti-CCDC16 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-CCDC16 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 42 kDa. Observed band size: 49 kDa





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### **Products Related to NBP2-97135-100ul**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00091603-P01-10ug | Recombinant Human CCDC16 GST (N-Term) Protein       |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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