

For Research Use Only

# CCDC167 Polyclonal antibody

Catalog Number: 31922-1-AP



## Basic Information

### Catalog Number:

31922-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG37080

### GenBank Accession Number:

BC108655

### GeneID (NCBI):

154467

### UNIPROT ID:

Q9P0B6

### Full Name:

chromosome 6 open reading frame 129

### Calculated MW:

11 kDa

### Observed MW:

11 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human

### Positive Controls:

WB : HEK-293 cells, HepG2 cells, HUH-7 cells, LNCaP cells, Raji cells, Ramos cells

IF/ICC : U2OS cells,

## Background Information

Coiled-coil domain (CCD) constituents are alpha-helix motifs expressed in different types of proteins, which can function in various biological processes, including cell proliferation, migration, and signal transduction (PMID: 9171830; 17428801). The coiled-coil domain containing 167 (CCDC167, also known as HSPC265 and C6orf129) is a membrane protein highly expressed in the lymph node. It is associated with immune function, which could be a therapeutic target for breast cancer and asthma (PMID: 33461170; 31821602).

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

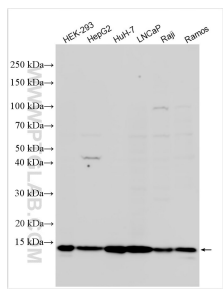
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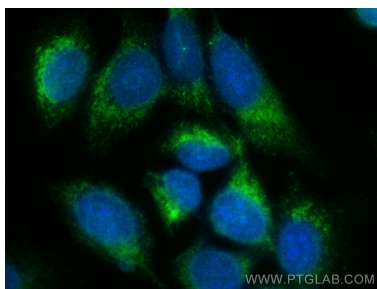
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31922-1-AP (CCDC167 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using CCDC167 antibody (31922-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).