

For Research Use Only

# COMMD4 Polyclonal antibody

Catalog Number: 31333-1-AP



## Basic Information

### Catalog Number:

31333-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG34904

### GenBank Accession Number:

BC068998

### GeneID (NCBI):

54939

### UNIPROT ID:

Q9H0A8

### Full Name:

COMM domain containing 4

### Observed MW:

22-25 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

Human, mouse

### Positive Controls:

WB : MCF-7 cells, U2OS cells

## Background Information

COMMD4 is a protein-coding gene belonging to the COMMD family and is highly expressed in non-small cell lung cancer (NSCLC) and hepatocellular carcinoma (HCC) (PMID: 36249824). It has 3 isoforms and has been shown to control NF- $\kappa$ B activity and regulate the activity of cullin-RING E3 ubiquitin ligases (PMID: 32439936).

## 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

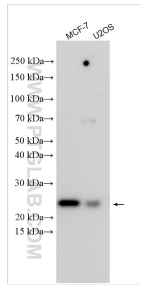
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31333-1-AP (COMMD4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.