

# COMMD4 Polyclonal antibody

Catalog Number: 31333-1-AP

## Basic Information

**Catalog Number:**

31333-1-AP

**Size:**

500 µg/ml

**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-κB activity and regulate the activity of cullin-RING E3 ubiquitin ligases (PMID: 32439936).

## Storage

**Storage:**

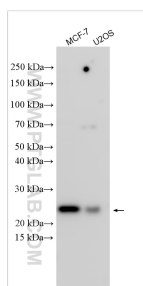
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## 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.