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Datasheet for ABIN6991926

**anti-COMMD7 antibody (AA 90-140)**

## Overview

Quantity:	0.1 mg
Target:	COMMD7
Binding Specificity:	AA 90-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COMMD7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	COMMD7 antibody was raised against a 19 amino acid peptide near the center of human COMMD7. The immunogen is located within amino acids 90 - 140 of COMMD7.
Isotype:	IgG
Specificity:	COMMD7 antibody is human, mouse and rat reactive. Multiple transcript variants encoding different isoforms have been found for COMMD7.
Purification:	COMMD7 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	COMMD7
Alternative Name:	COMMD7 ( <a href="#">COMMD7 Products</a> )

## Target Details

Background:	COMMD7 (COMM domain-containing protein 7) plays a role in the regulation NF-kappaB (1). It associates with the NF-kB complex and suppresses its transcriptional activity (2). COMMD7 contains 1 COMM domain and widely expressed with highest expression in lung (3). COMMD7 is a newly identified gene overexpressed in hepatocellular carcinoma (HCC) (4). COMMD7 is associated with tumor invasion and poor prognosis by NF-kappaB signaling pathway (4).
Molecular Weight:	Predicted: 22 kDa  Observed: 21 kDa
Gene ID:	149951
NCBI Accession:	<a href="#">NP_444269</a>
UniProt:	<a href="#">Q86VX2</a>

## Application Details

Application Notes:	COMMD7 antibody can be used for detection of COMMD7 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	COMMD7 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	COMMD7 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.