

Rabbit COMMD5 Polyclonal Antibody | anti-COMMD5 antibody

COMMD5 Antibody

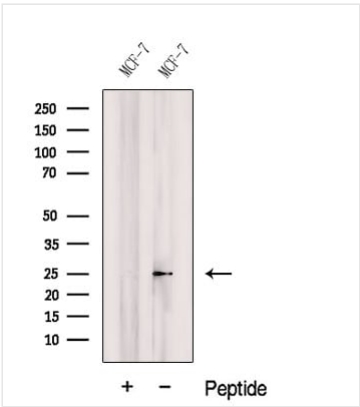
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328648	Rabbit	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep	Western Blot

PRODUCT SYNONYMS

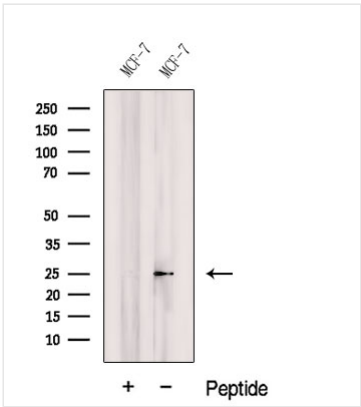
COMMD5; Polyclonal Antibody; COMMD5 Antibody; anti-COMMD5 antibody

PRODUCT SPECIFICATIONS

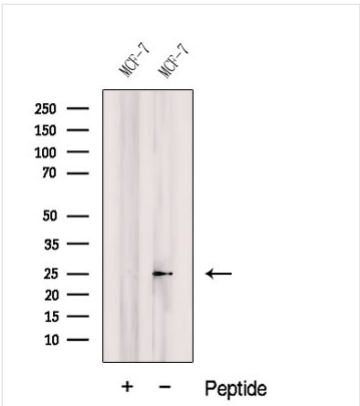
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Sheep
Clonality	Polyclonal
Isotype	IgG
Specificity	COMMD5 Antibody detects endogenous levels of COMMD5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-COMMD5 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human COMMD5.
Tissue Specificity	Highly expressed in heart, stomach, jejunum, kidney, liver, and adrenal gland. Expression was generally higher in adult organs than in fetal tissues, particularly in heart, kidney, and liver.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells, using COMMD5 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from VERO, using COMMD5 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-COMMD5 antibody	Description: May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). Negatively regulates cell proliferation. Negatively regulates cell cycle G2/M phase transition probably by transactivating p21/CDKN1A through the p53/TP53-independent signaling pathway. Involved in kidney proximal tubule morphogenesis (By similarity). Down-regulates activation of NF-kappa-B (PubMed:15799966).
	Subunit Structure: Interacts (via COMM domain) with COMMD1 (via COMM domain). Interacts with RELA, RELB, NFKB1/p105. Interacts with CCDC22, CCDC93, SCNN1B, CUL2, CUL3, CUL4A, CUL4B, CUL7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154800418
NCBI GeneID	28991
NCBI Accession #	NP_001074472.1
NCBI GenBank Nucleotide #	NP_001074472.1
UniProt Accession #	Q9GZQ3

Molecular Weight	Observed: 25 kDa Predicted: 25 kDa
NCBI Official Full Name	COMM domain-containing protein 5
NCBI Official Synonym Full Names	COMM domain containing 5
NCBI Official Symbol	COMMD5
NCBI Official Synonym Symbols	HCARG; HT002
NCBI Protein Information	COMM domain-containing protein 5
UniProt Protein Name	COMM domain-containing protein 5
UniProt Gene Name	COMMD5
UniProt Synonym Gene Names	HT002; HCaRG
UniProt Entry Name	COMD5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/commd5-antibody-western-blot-elisa/328648>