

For Research Use Only

COMMD4 Recombinant antibody

Catalog Number: 84664-4-RR



Basic Information

Catalog Number: 84664-4-RR	GenBank Accession Number: BC068998	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 54939	CloneNo.: 242175F4
Source: Rabbit	UNIPROT ID: Q9H0A8	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500
Isotype: IgG	Full Name: COMM domain containing 4	
Immunogen Catalog Number: AG34904	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, rat	WB : A549 cells, MCF-7 cells, HeLa cells, HEK-293T cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : rat testis tissue,

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

Storage

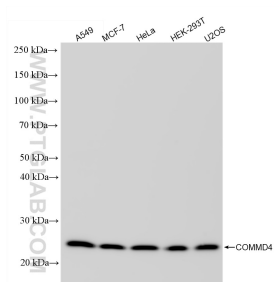
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

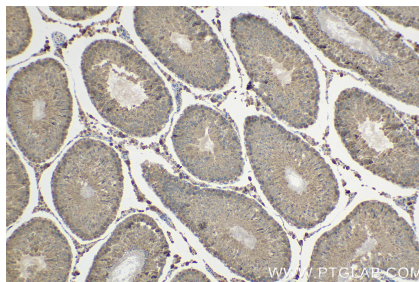
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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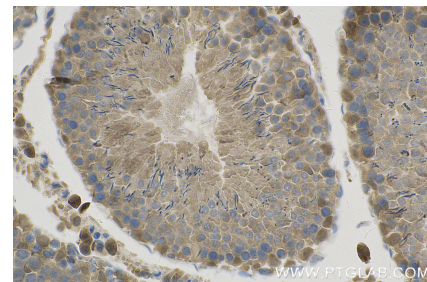
Selected Validation Data



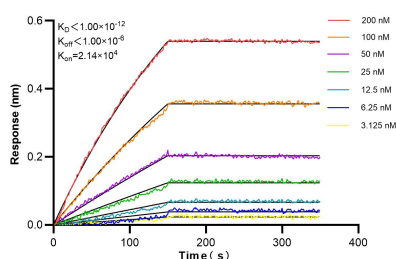
Various lysates were subjected to SDS PAGE followed by western blot with 84664-4-RR (COMMD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 84664-4-RR (COMMD4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 84664-4-RR (COMMD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84664-4-RR against Human COMMD4 were performed. The affinity constant is below 1 pM.