

For Research Use Only

TTLL12 Recombinant antibody

Catalog Number: 84493-6-RR



Basic Information

Catalog Number: 84493-6-RR	GenBank Accession Number: BC001070	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23170	CloneNo.: 241904F4
Source: Rabbit	UNIPROT ID: Q14166	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG	Full Name: tubulin tyrosine ligase-like family, member 12	
Immunogen Catalog Number: AG13804	Calculated MW: 644 aa, 74 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, SKOV-3 cells, PC-3 cells, HeLa cells, K-562 cells, DU 145 cells
Species Specificity: human	

Background Information

TTLL12 is a member of the tubulin tyrosine ligase (TTL) family that is highly conserved in phylogeny. TTLL12 contains 644 amino acids and has a SET-like domain and a TTL-like domain. TTLL12 is involved in the regulation of tubulin and histone modification and is a negative regulator of RNA virus-induced type I interferon. During the cell cycle, Both trimethylation of H4K20 and tubulin detyrosination levels were altered by TTLL2 expression (PMID: 23251473).

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

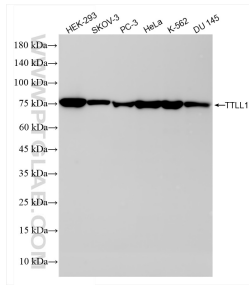
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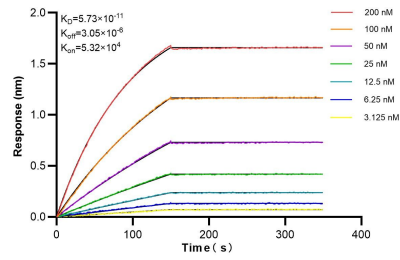
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84493-6-RR (TLL12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84493-6-RR against Human TLL12 were performed. The affinity constant is 57.3 pM.