

For Research Use Only

TTLL12 Recombinant antibody

Catalog Number: 84493-6-RR



Basic Information

Catalog Number:

84493-6-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13804

GenBank Accession Number:

BC001070

GeneID (NCBI):

23170

UNIPROT ID:

Q14166

Full Name:

tubulin tyrosine ligase-like family,
member 12

Calculated MW:

644 aa, 74 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

241904F4

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, SKOV-3 cells, PC-3 cells, HeLa
cells, K-562 cells, DU 145 cells

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

For technical support and original validation data for this product please contact:

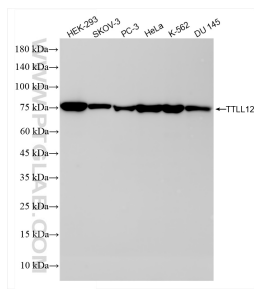
T: 4006900926

E: Proteintech-CN@ptglab.com

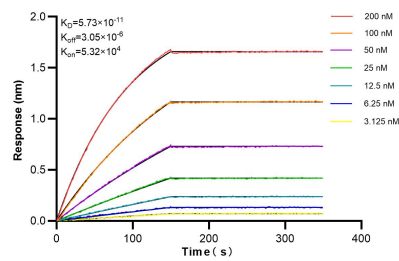
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84493-6-RR (TTLL12 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 TTLL12 were performed. The affinity constant is 57.3 pM.