

For Research Use Only

TTL Recombinant antibody

Catalog Number: 82763-5-RR

Featured Product



Basic Information

Catalog Number:

82763-5-RR

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4526

GenBank Accession Number:

BC036819

GeneID (NCBI):

150465

UNIPROT ID:

Q8NG68

Full Name:

tubulin tyrosine ligase

Calculated MW:

377 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

3P9

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, SH-SY5Y cells, U2OS cells, Y79 cells, Jurkat cells, mouse brain tissue, rat brain tissue

Background Information

Tubulin-tyrosine ligase (TTL) is the enzyme responsible for the reversible addition of a tyrosine residue at the carboxyl end of alpha-tubulin. TTL forms stable complexes with tubulin and inhibit tubulin polymerization. TTL is frequently suppressed during tumor progression with resulting accumulation of dephosphorylated alpha-tubulin in tumor cells. TTL suppression in human cancers is associated with increased tumor aggressiveness.

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:

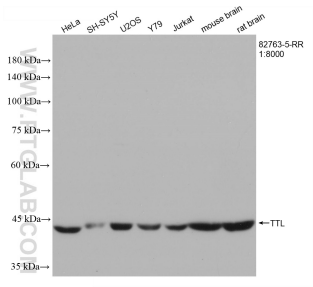
T: 4006900926

E: Proteintech-CN@ptglab.com

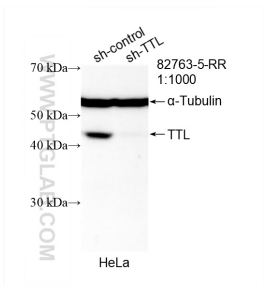
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82763-5-RR (TTL antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of TTL antibody (82763-5-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TTL transfected HeLa cells.