

For Research Use Only

# TTL Recombinant antibody

Catalog Number: 82763-5-RR



## Basic Information

<b>Catalog Number:</b> 82763-5-RR	<b>GenBank Accession Number:</b> BC036819	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 150465	<b>CloneNo.:</b> 3P9
<b>Source:</b> Rabbit	<b>Full Name:</b> tubulin tyrosine ligase	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 377 aa, 43 kDa	
<b>Immunogen Catalog Number:</b> AG4526	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, SH-SY5Y cells, U2OS cells, Y79 cells, Jurkat cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> Human, mouse, rat	

## 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 deetyrosinated alpha-tubulin in tumor cells. TTL suppression in human cancers is associated with increased tumor aggressiveness.

## Storage

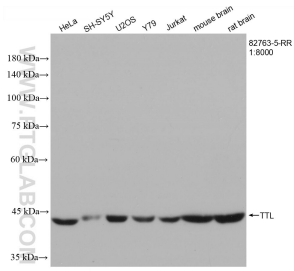
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.