

For Research Use Only

# TTL Recombinant antibody, PBS Only



Catalog Number: 82763-5-PBS

## Basic Information

<b>Catalog Number:</b> 82763-5-PBS	<b>GenBank Accession Number:</b> BC036819	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 150465	<b>CloneNo.:</b> 3P9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NG68	
<b>Isotype:</b> IgG	<b>Full Name:</b> tubulin tyrosine ligase	
<b>Immunogen Catalog Number:</b> AG4526	<b>Calculated MW:</b> 377 aa, 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 detyrosinated alpha-tubulin in tumor cells. TTL suppression in human cancers is associated with increased tumor aggressiveness.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

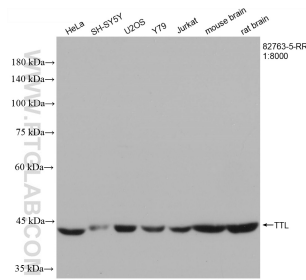
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

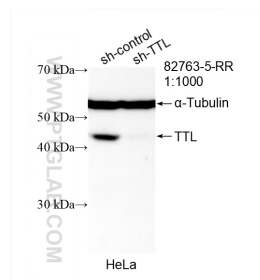
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 82763-5-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 82763-5-PBS in a different storage buffer formulation.