

TTL Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16574B**Specification**

TTL Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NG68
Other Accession	Q9OXJ0 , P38160 , P38585 , P38584 , NP_714923.1
Reactivity	Human
Predicted	Bovine, Mouse, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43212
Antigen Region	232-263

TTL Antibody (C-term) - Additional Information**Gene ID** 150465**Other Names**

Tubulin--tyrosine ligase, TTL, TTL

Target/Specificity

This TTL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 232-263 amino acids from the C-terminal region of human TTL.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TTL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TTL Antibody (C-term) - Protein Information**Name** TTL

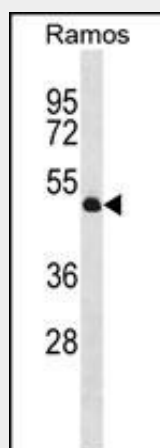
Function Catalyzes the post-translational addition of a tyrosine to the C-terminal end of detyrosinated alpha-tubulin.

TTL Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TTL Antibody (C-term) - Images



TTL Antibody (C-term) (Cat. #AP16574b) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the TTL antibody detected the TTL protein (arrow).

TTL Antibody (C-term) - Background

TTL is a cytosolic enzyme involved in the posttranslational modification of alpha-tubulin (see MIM 602529). Alpha-tubulin within assembled microtubules is detyrosinated over time at the C terminus. After microtubule disassembly, TTL restores the tyrosine residues and consequently participates in a cycle of tubulin detyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).

TTL Antibody (C-term) - References

Dick, D.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (6), 1179-1188 (2010) :
Erck, C., et al. Cytogenet. Genome Res. 101(1):47-53(2003)
Mialhe, A., et al. Cancer Res. 61(13):5024-5027(2001)
Ersfeld, K., et al. J. Cell Biol. 120(3):725-732(1993)