

A10027

Leader in Biomolecular Solutions for Life Science



TTL Rabbit pAb

Catalog No.: A10027

Basic Information

Observed MW

43kDa

Calculated MW

43kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

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

Recommended Dilutions

WB 1:1000 - 1:4000

Immunogen Information

Gene ID

150465

Swiss Prot

Q8NG68

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human TTL (NP_714923.1).

Synonyms

TTL

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

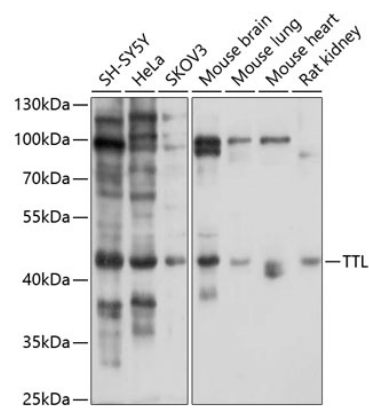
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using TTL Rabbit pAb (A10027) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.