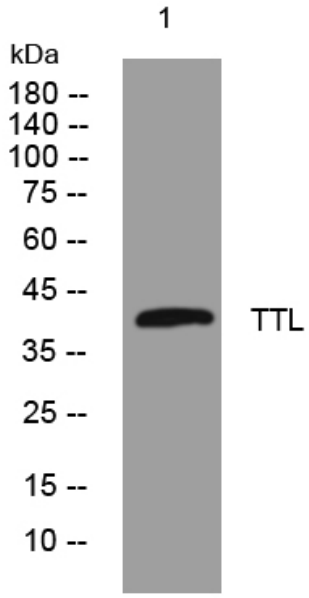
TTL rabbit pAb

Catalog No	YP-Ab-08778
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	TTL
Protein Name	TTL
Immunogen	Synthesized peptide derived from human TTL AA range: 160-210
Specificity	This antibody detects endogenous levels of TTL at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	
Tissue Specificity	
Function	catalytic activity:ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP + phosphate.,cofactor:Magnesium.,cofactor:Potassium.,function:Catalyzes the post-translational addition of a tyrosine to the C-terminal end of detyrosinated alpha-tubulin.,similarity:Belongs to the tubulin--tyrosine ligase family.,similarity:Contains 1 TTL domain.,subunit:Monomer.,
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]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night