Datasheet for ABIN955382

anti-TTL antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	0.4 mL
Target:	TTL
Binding Specificity:	AA 355-385, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTL antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 355-385 amino acids from the C-terminal region of human TTL
Isotype:	Ig Fraction
Specificity:	This antibody detects TTL (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	TTL
Alternative Name:	TTL (TTL Products)

Target Details

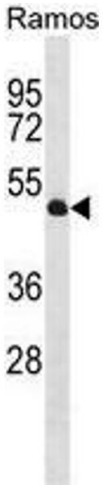
Background:	TTL is a cytosolic enzyme involved in the posttranslational modification of alpha-tubulin (see MIM 602529). Alpha-tubulin within assembled microtubules is detyrosinated over time at the C terminus. After microtubule disassembly, TTL restores the tyrosine residues and consequently participates in a cycle of tubulin detyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).Synonyms: Tubulin tyrosine ligase, Tubulin-tyrosine ligase
Gene ID:	150465
NCBI Accession:	NP_714923
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. TTL Antibody (C-term) western blot analysis in Ramos cell line lysates (35 µg/lane). This demonstrates the TTL antibody detected the TTL protein (arrow).