Datasheet for ABIN955386

anti-TTLL4 antibody (Middle Region)

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1 Image

Overview

Quantity:	0.4 mL
Target:	TTLL4
Binding Specificity:	AA 463-483, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 463-483 amino acids from the Central region of human TTLL4
Isotype:	Ig Fraction
Specificity:	This antibody detects TTLL4 (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	TTLL4
Alternative Name:	TTLL4 (TTLL4 Products)
Background:	TTLL4 is polyglutamylase which preferentially modifies beta-tubulin and nucleosome assembly

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Target Details

	proteins NAP1 and NAP2. It is involved in the side-chain initiation step of the polyglutamylation reaction rather than in the elongation step (By similarity).Synonyms: KIAA0173, Tubulin polyglutamylase
Gene ID:	9654
NCBI Accession:	NP_055455

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.

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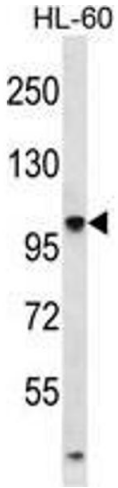

Western Blotting

Image 1. TTLL4 Antibody (Center) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the TTLL4 antibody detected the TTLL4 protein (arrow).

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