

[Go to Product page](#)

Datasheet for ABIN701157

**anti-TLK1 antibody (AA 458-560) (Biotin)**

## Overview

Quantity:	100 µL
Target:	TLK1
Binding Specificity:	AA 458-560
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TLK1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	TLK1
Alternative Name:	TLK1 ( <a href="#">TLK1 Products</a> )

## Target Details

Background:	<p>Synonyms: PKU beta, serine threonine protein kinase, Serine/threonine protein kinase tousled like 1, TLK1, Tousled like kinase 1.</p> <p>Background: TLK1 is a nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly. TLK1 is rapidly and transiently inhibited by phosphorylation following the generation of DNA double-stranded breaks during S-phase. This is cell cycle checkpoint and ATM-pathway dependent and appears to regulate processes involved in chromatin assembly. Isoform 3 phosphorylates and enhances the stability of the t-SNARE SNAP23, augmenting its assembly with syntaxin.</p>
Gene ID:	9874

## Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months