

Datasheet for ABIN360577

anti-TLK2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	TLK2
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human TLK2.
Isotype:	Ig Fraction
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	TLK2
Alternative Name:	TLK2 (TLK2 Products)
Background:	TLK2, a member of the Ser/Thr protein kinase family, is rapidly and transiently inhibited by phosphorylation following the generation of DNA double-stranded breaks during S-phase. This

Target Details

is cell cycle checkpoint and ATM-pathway dependent and appears to regulate processes involved in chromatin assembly. The TLK2 enzyme is cell-cycle regulated, with maximal activity in S-phase. It is inactivated by phosphorylation at Ser-750, potentially by CHK1. TLK2 heterodimerizes with TLK1. This nuclear protein is widely expressed, with presence in fetal placenta, liver, kidney, pancreas, heart and skeletal muscle tissues, and in several adult cell lines. Synonyms: PKU-alpha, Serine/threonine-protein kinase tousled-like 2, Tousled-like kinase 2

Gene ID: 5874

UniProt: [Q86UE8](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Flow cytometry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

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 the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

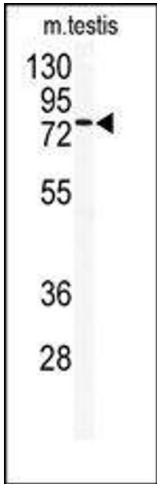


Image 1.