
Product Name: TLK1 Rabbit Polyclonal Antibody**Catalog #: APRab18981**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	87kDa

Antigen Information

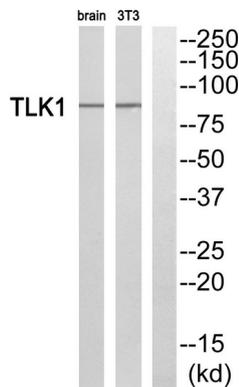
Gene Name	TLK1
Alternative Names	TLK1; KIAA0137; Serine/threonine-protein kinase tousled-like 1; PKU-beta; Tousled-like kinase 1
Gene ID	9874.0
SwissProt ID	Q9UKI8
Immunogen	The antiserum was produced against synthesized peptide derived from human TLK1. AA range:201-250

Background

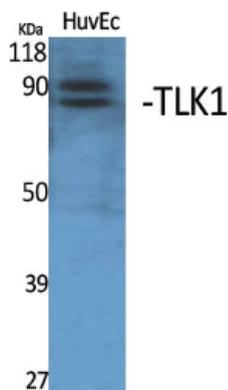
Serine/threonine-protein kinase tousel-like 1 encoded by TLK1 is a serine/threonine kinase that may be involved in the regulation of chromatin assembly. The encoded protein is only active when it is phosphorylated, and this phosphorylation is cell cycle-dependent, with the maximal activity of this protein coming during S phase. The catalytic activity of this protein is diminished by DNA damage and by blockage of DNA replication. Three transcript variants encoding different isoforms have been found for this gene.

Research Area

Image Data



Western blot analysis of TLK1 Antibody. The lane on the right is blocked with the TLK1 peptide.



Western Blot analysis of various cells using TLK1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000