

TLK1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09054
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TLK1. AA range:730-779
Mol wt	86700
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IF, ELISA
Concentration	1 mg/ml
Full name	TLK1 Antibody
Synonyms	TLK1; KIAA0137; Serine/threonine-protein kinase tousled-like 1; PKU-beta; Tousled-like kinase 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Serine/threonine-protein kinase tousled-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.

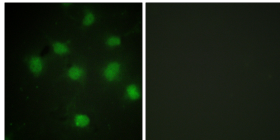
Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunofluorescence analysis of COS7 cells, using TLK1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year