BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CLK4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01983
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CLK4. AA range:101-150
Mol wt	57492
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CLK4 Antibody
Synonyms	CLK4; Dual specificity protein kinase CLK4; CDC-like kinase 4

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

Background

CDC like kinase 4 encoded by CLK4 belongs to the CDC2-like protein kinase (CLK) family. This protein kinase can interact with and phosphorylate the serine- and arginine-rich (SR) proteins, which are known to play an important role in the formation of spliceosomes, and thus may be involved in the regulation of alternative splicing. Studies in the Israeli sand rat Psammomys obesus suggested that the ubiquitin-like 5 (UBL5/BEACON), a highly conserved ubiquitin-like protein, may interact with and regulate the activity of this kinase. Multiple alternatively spliced transcript variants have been observed, but the full-length natures of which have not yet been determined.

Recommended Dilution

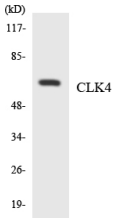
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

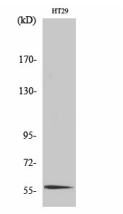
ELISA: 1: 10000

Not yet tested in other applications.

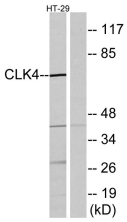
Images



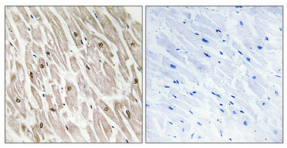
Western blot analysis of the lysates from HeLa cells using CLK4 antibody.



Western Blot analysis of various cells using CLK4 Polyclonal Antibody cells nucleus.



Western blot analysis of lysates from HT-29 cells, using CLK4 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human heart. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

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