

Anti-Human/Mouse CLK4 Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA02886

3th Edition

Description:The protein encoded by this gene 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. CLK4 (CDC Like Kinase 4) is a Protein Coding gene. Among its related pathways are mRNA Splicing - Major Pathway. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is CLK1.

Antigen:Synthesized peptide derived from the Internal region of human CLK4

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed in liver, kidney, heart, muscle, brain and endothelial cells.