

DNAxPAb

Hard-to-Find
Antibody

CLK4 DNAxPab

Catalog # H00057396-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CLK4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRHSKRTHCPDWDSRESWGHESYRGSHKRKRSSHSTQENRHCKPHHQFKESDCHYLEARSL NERDYRDRRYVDEYRNDYCEGYVPRHYHRDIESGYRIHCSKSSVRSRRSSPKRKRNRHCSSHQS RSKSHRRKRSRSIEDDEEGHLCQSGDVLRLARYEIDTLGEGAFGKVVECIDHGMDGMHVAVKIV KNVGRYREAAARSEIQVLEHLNSTDPNSVFRCVQMLEWFDHHGHVCVFEELLGLSTYDFIKENSFLP FQIDHIRQMAYQICQSINFLHHNKLTHIDLKPENILFVKSDYVVKYNSKMKRDERTLKNNDIKVVDFG SATYDDEHHSTLVSTRHYRAPEVILALGWSQPCDVWSIGCILIEYYLGFTVFQTHDSKEHLAMMERI LGPI PQHMIQKTRKRKYFHHNQLDWDEHSSAGRYVRRRCKPLKEFMLCHDEEHEKLFDLVRRML EYDPTQRITLDEALQHPFFDLLKKK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CLK4

Entrez GeneID [57396](#)

GeneBank Accession# [NM_020666.2](#)

Protein Accession# [NP_065717.1](#)

Gene Name CLK4

Gene Alias DKFZp686A20267

Gene Description CDC-like kinase 4

Omim ID [607969](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 nature of which has not yet been determined. [provided by RefSeq]

Other Designations dual specificity protein kinase CLK4|protein serine threonine kinase Clk4