

CLK4 rabbit monoclonal antibody

Catalog # H00057396-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CLK4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CLK4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CLK4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CLK4

Entrez GeneID [57396](#)

GeneBank Accession# [CLK4](#)

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 have not yet been determined. [provided by RefSeq]

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