

#### OriGene Technologies, Inc.

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# Product datasheet for TA357006

# **CLK2 Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CLK2
Specificity:	<b>Expected reactivity</b> : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology</b> : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	54kDa
Gene Name:	CDC like kinase 2
Database Link:	<u>XP_005276799</u> <u>Entrez Gene 1196 Human</u> <u>P49760</u>



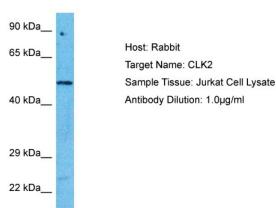
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### **CLK2** Rabbit Polyclonal Antibody – TA357006

Background:This gene encodes a dual specificity protein kinase that phosphorylates serine/threonine and<br/>tyrosine-containing substrates. Activity of this protein regulates serine- and arginine-rich (SR)<br/>proteins of the spliceosomal complex, thereby influencing alternative transcript splicing.<br/>Chromosomal translocations have been characterized between this locus and the PAFAH1B3<br/>(platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa)) gene on<br/>chromosome 19, resulting in the production of a fusion protein. Note that this gene is distinct<br/>from the TELO2 gene (GeneID:9894), which shares the CLK2 alias, but encodes a protein that<br/>is involved in telomere length regulation. There is a pseudogene for this gene on<br/>chromosome 7. Alternative splicing results in multiple transcript variants.

#### Synonyms: hCLK2; MGC61500

## **Product images:**



Host: Rabbit Target Name: CLK2 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml

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