

Datasheet for ABIN2779361
anti-CLK4 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	CLK4
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rabbit, Dog, Guinea Pig, Cow, Horse, Rat, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CLK4
Sequence:	RSRRSSPKRK RNRHCSSHQ SRSKSHRRKRS RSIEDDEEGH LICQSGDVLR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 93%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against CLK4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CLK4
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Target Details

Alternative Name:	CLK4 (CLK4 Products)
Background:	<p>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 <i>Psammomys obesus</i> 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.</p> <p>Alias Symbols: DKFZp686A20267</p> <p>Protein Interaction Partner: KPNA1, KRTAP10-3, KRTAP10-8, KRTAP10-9, KRTAP10-7, CLK4, SRRM2, AHCYL2, SUB1, RASA4, SRPK1, RNF181, CLASRP, UBL5, HSPB2,</p> <p>Protein Size: 481</p>
Molecular Weight:	57 kDa
Gene ID:	57396
NCBI Accession:	NM_020666 , NP_065717
UniProt:	Q9HAZ1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 481 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

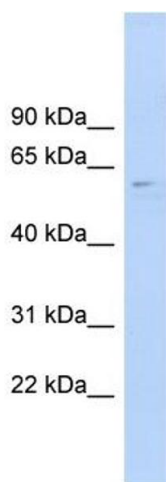
Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Publications

Product cited in:	<p>Lind, Svedin, Domsgen, Kapell, Laitinen, Moll, Flodström-Tullberg: "Coxsackievirus counters the host innate immune response by blocking type III interferon expression." in: The Journal of general virology, Vol. 97, Issue 6, pp. 1-12, (2016) (PubMed).</p> <p>Schulte, Liu, Panas, Thaa, Dickson, Götte, Achour, McInerney: "Combined structural, biochemical and cellular evidence demonstrates that both FGDF motifs in alphavirus nsP3 are required for efficient replication." in: Open biology, Vol. 6, Issue 7, (2016) (PubMed).</p>
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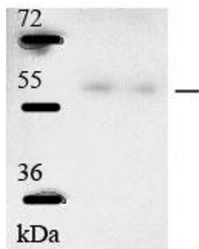
Images



Western Blotting

Image 1. WB Suggested Anti-CLK4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain

CLK4



See Immunoblot 2 Data for more information.

Western Blotting

Image 2. Sample type: human microvascular endothelial cells (25ug)

Primary Dilution: 1:1000

Secondary Antibody: Goat anti-Rabbit-HRP

Secondary Dilution: 1:5000

Image Submitted by: Andreas Eisenreich

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