

Rabbit CLK1 Polyclonal Antibody | anti-CLK1 antibody

CLK1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200204	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

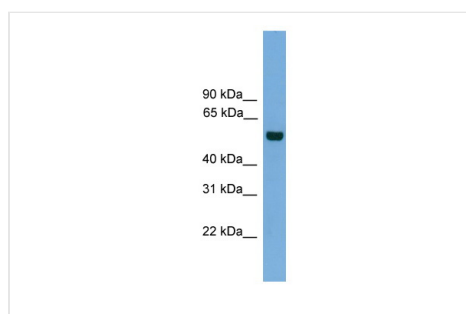
PRODUCT SYNONYMS

CLK1; Polyclonal Antibody; CLK1 antibody - N-terminal region; anti-CLK1 antibody

PRODUCT SPECIFICATIONS

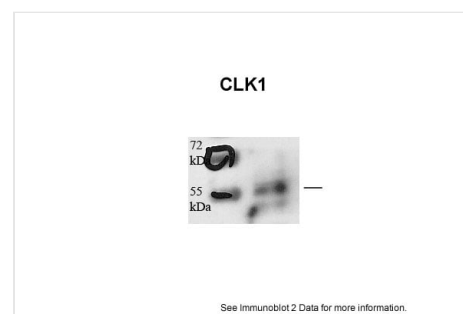
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HS SAQENKRCKY NHSKMCDSHY LESRSINEKD YHSRRYIDEY RNDYTQGC
Sequence Length	484
Applicable Applications for anti-CLK1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CLK1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CLK1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: 293T cell lysate
 CLK1 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Sample Type: Human HMEC-1
 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 & Charite Universitätsmedizin Berlin

ADDITIONAL INFORMATION

Related Product Information for anti-CLK1 antibody	This is a rabbit polyclonal antibody against CLK1. It was validated on Western Blot Target Description: This gene encodes a member of the CDC2-like (or LAMMER) family of dual specificity protein kinases. In the nucleus, the encoded protein phosphorylates serine/arginine-rich proteins involved in pre-mRNA processing, releasing them into the nucleoplasm. The choice of splice sites during pre-mRNA processing may be regulated by the concentration of transacting factors, including serine/arginine rich proteins. Therefore, the encoded protein may play an indirect role in governing splice site selection. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CLK1 antibody	Polyclonal; RNA Binding Proteins; Cell Biology; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	67551261
NCBI GeneID	1195
NCBI Accession #	NP_004062
NCBI GenBank Nucleotide #	NM_004071
UniProt Accession #	P49759
Molecular Weight	57kDa
NCBI Official Full Name	dual specificity protein kinase CLK1 isoform 1
NCBI Official Synonym Full Names	CDC like kinase 1
NCBI Official Symbol	CLK1
NCBI Official Synonym Symbols	CLK; STY; CLK/STY
NCBI Protein Information	dual specificity protein kinase CLK1
UniProt Protein Name	Dual specificity protein kinase CLK1
UniProt Gene Name	CLK1
UniProt Synonym Gene Names	CLK
UniProt Entry Name	CLK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clk1-antibody-western-blot-elisa/200204>