

Rabbit anti-Human CLK2 Polyclonal Antibody | anti-CLK2 antibody

CLK2 Antibody

CATALOG # AAA118582	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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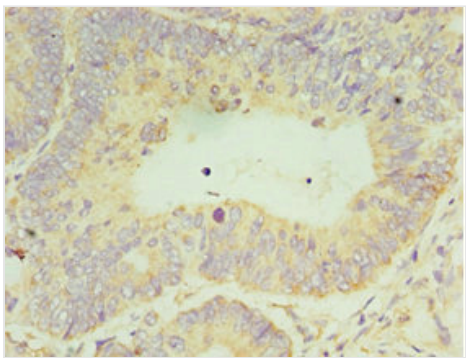
PRODUCT SYNONYMS

CLK2; Polyclonal Antibody; CLK2 Antibody; Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2); anti-CLK2 antibody

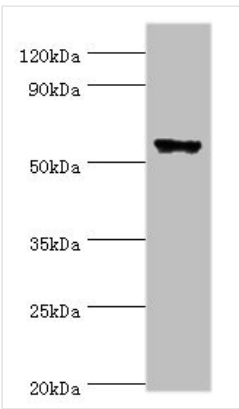
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Applicable Applications for anti-CLK2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Dual specificity protein kinase CLK2 protein (240-499AA)
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Species	Human
Research Area	Cell Biology
Target Names	CLK2
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-74912 / sc-74914 / sc-74915 / sc-292184
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA118582 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: CLK2 antibody at 5ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 61,18,60 kDaObserved band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CLK2 antibody	Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing and can cause redistribution of SR proteins from speckles to a diffuse nucleoplasmic distribution. Acts as a suppressor of hepatic gluconeogenesis and glucose output by repressing PPARGC1A transcriptional activity on gluconeogenic genes via its phosphorylation. Phosphorylates PPP2R5B thereby stimulating the assembly of PP2A phosphatase with the PPP2R5B-AKT1 complex leading to dephosphorylation of AKT1. Phosphorylates: PTPN1, SRSF1 and SRSF3. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	661567373
NCBI GeneID	1196
NCBI Accession #	NP_001281267.1
NCBI GenBank Nucleotide #	NM_001294338.1
UniProt Accession #	P49760; Q96CQ0; B1AVS9; B5MBX6
NCBI Official Full Name	dual specificity protein kinase CLK2 isoform 1
NCBI Official Synonym Full Names	CDC like kinase 2
NCBI Official Symbol	CLK2
NCBI Protein Information	dual specificity protein kinase CLK2
UniProt Protein Name	Dual specificity protein kinase CLK2
UniProt Gene Name	CLK2
UniProt Entry Name	CLK2_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.