

Rabbit anti-Human, Mouse CLK4 Polyclonal Antibody | anti-CLK4 antibody

CLK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327568	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

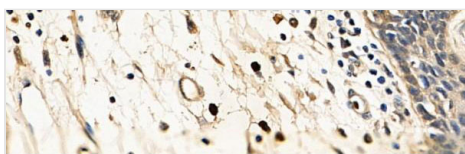
PRODUCT SYNONYMS

CLK4; Polyclonal Antibody; CLK4 Antibody; AI987988; C85119; CDC like kinase 4; CDC-like kinase 4; CLK4_HUMAN; DKFZp686A20267; Dual specificity protein kinase CLK4; OTTMUSP00000005756; OTTMUSP00000005757; OTTMUSP00000041113; Protein serine threonine kinase Clk4; RP23-9N7.1; anti-CLK4 antibody

PRODUCT SPECIFICATIONS

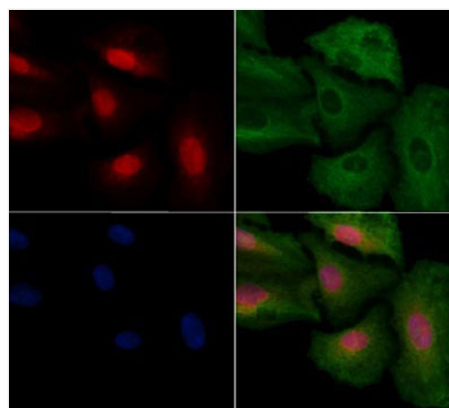
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CLK4 antibody detects endogenous levels of total CLK4
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	481
Applicable Applications for anti-CLK4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CLK4, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327568 at 1/100 staining Human esophageal cancer and paracarcinoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA327568 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (DF8645) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab (Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLK4 antibody	Description: Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex and may be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates SRSF1 and SRSF3. Required for the regulation of alternative splicing of MAPT/TAU. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10190706
NCBI GeneID	57396
NCBI Accession #	NP_065717.1
NCBI GenBank Nucleotide #	NM_020666.2
UniProt Accession #	Q9HAZ1
Molecular Weight	Observed: 57 kDa Predicted: 58 kDa
NCBI Official Full Name	dual specificity protein kinase CLK4
NCBI Official Synonym Full Names	CDC like kinase 4
NCBI Official Symbol	CLK4
NCBI Protein Information	dual specificity protein kinase CLK4
UniProt Protein Name	Dual specificity protein kinase CLK4
UniProt Gene Name	CLK4

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/clk4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327568>