

CLK1 Antibody

Catalog No: #33784

Package Size: #33784-1 50ul #33784-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

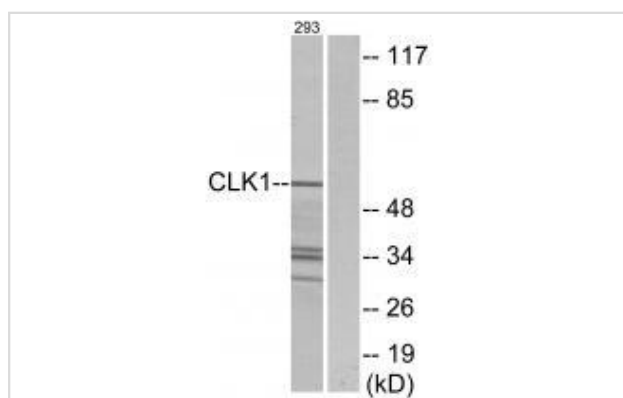
Product Name	CLK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CLK1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CLK1.
Target Name	CLK1
Other Names	CDC like kinase 1; CLK; CLK1; Dual specificity protein kinase CLK1; EC 2.7.1.112
Accession No.	Swiss-Prot: P49759NCBI Gene ID: 1195
Uniprot	P49759
GeneID	1195;
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

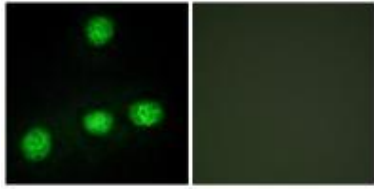
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from 293 cells, using CLK1 antibody #33784.

Immunofluorescence analysis of HUVEC cells, using CLK1 antibody #33784.



Background

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, SRSF3 and PTPN1. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells and adenovirus E1A pre-mRNA.

Johnson K.W., J. Biol. Chem. 266:3402-3407(1991).

Hanes J.J., J. Mol. Biol. 244:665-672(1994).

Olsen J.V., Cell 127:635-648(2006).

Note: This product is for in vitro research use only