10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CLK4 Antibody (aa101-150)
Rabbit Polyclonal Antibody
Catalog # ALS16723

Specification

CLK4 Antibody (aa101-150) - Product Information

Application	**IHC, WB**
Primary Accession	Q9HAZ1
Other Accession	57396
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**57492**

CLK4 Antibody (aa101-150) - Additional Information

Gene ID 57396

Other Names
CLK4, CDC-like kinase 4

Target/Specificity
CLK4 Antibody detects endogenous levels of total CLK4 protein.

Reconstitution & Storage
PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol. Store at -20°C for up to one year.

Precautions
CLK4 Antibody (aa101-150) is for research use only and not for use in diagnostic or therapeutic procedures.

CLK4 Antibody (aa101-150) - Protein Information

Name CLK4

Function
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.

Cellular Location
Nucleus.

Tissue Location

Expressed in liver, kidney, heart, muscle, brain and endothelial cells.

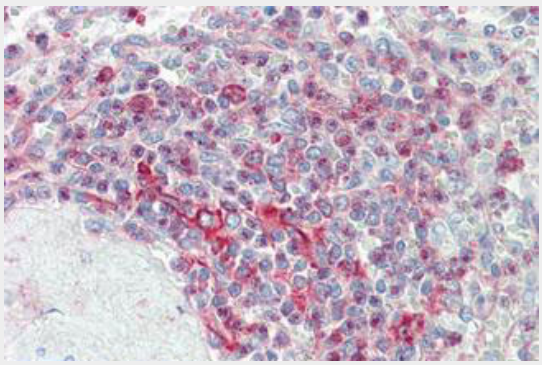
Volume
50 µl

CLK4 Antibody (aa101-150) - Protocols

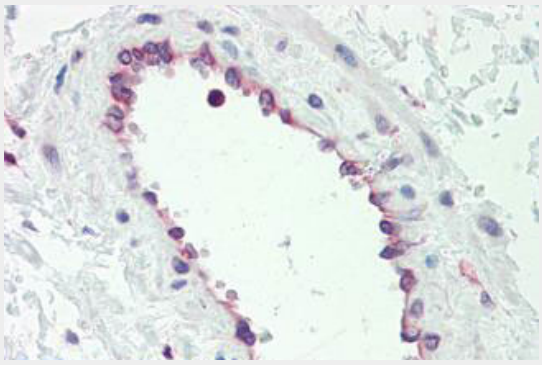
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CLK4 Antibody (aa101-150) - Images

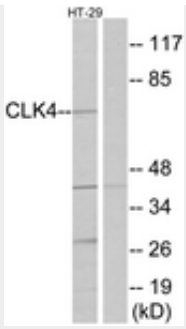


Anti-CLK4 antibody IHC staining of human spleen.



Anti-CLK4 antibody IHC staining of human vessel.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Western blot of extracts from HT-29 cells, using CLK4 Antibody.

CLK4 Antibody (aa101-150) - 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 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.

CLK4 Antibody (aa101-150) - References

Schultz J.,et al.Genomics 71:368-370(2001).
Schultz J.,et al.Genomics 74:251-251(2001).
McNally T.,et al.Protein Sci. 12:1562-1566(2003).
Kantham L.,et al.Biochem. Biophys. Res. Commun. 304:125-129(2003).
Olsen J.V.,et al.Cell 127:635-648(2006).