

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

CLK4 Antibody (aa101-150) - Product Information

Application	WB, IHC-P, E
Primary Accession	O9HAZ1
Other Accession	57396
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	57492
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

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 & StoragePBS (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.

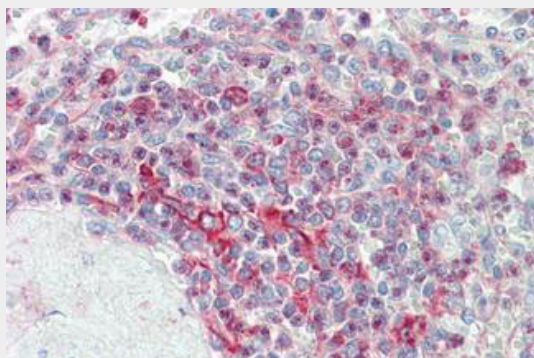
Volume

50 µl

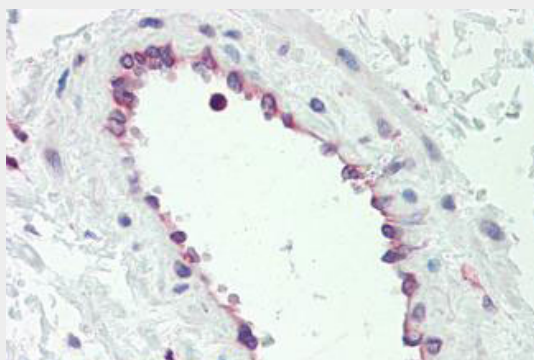
CLK4 Antibody (aa101-150) - Protocols

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

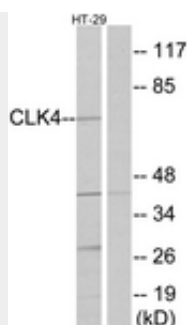
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLK4 Antibody (aa101-150) - Images

Anti-CLK4 antibody IHC staining of human spleen.



Anti-CLK4 antibody IHC staining of human vessel.



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).