

CLK4 Polyclonal Antibody
Catalog # AP69156**Specification**

CLK4 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9HAZ1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

CLK4 Polyclonal Antibody - Additional Information**Gene ID** 57396**Other Names**

CLK4; Dual specificity protein kinase CLK4; CDC-like kinase 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CLK4 Polyclonal Antibody - 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

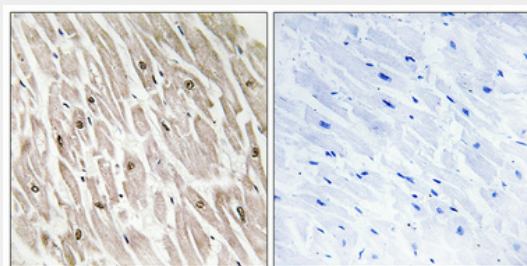
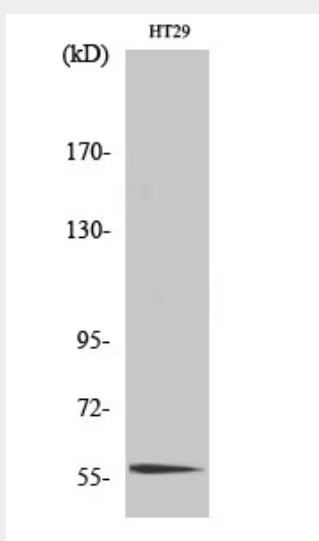
Expressed in liver, kidney, heart, muscle, brain and endothelial cells.

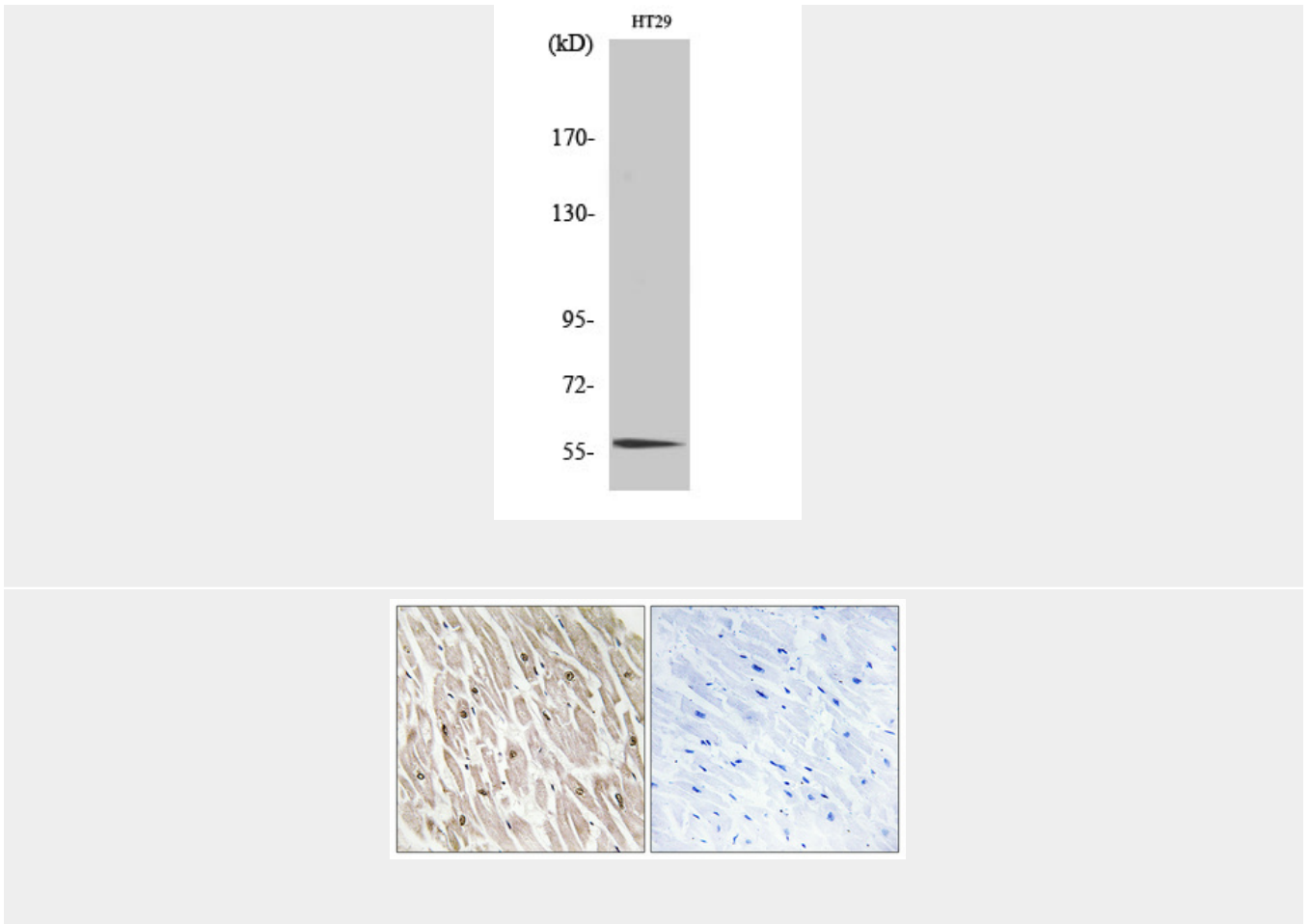
CLK4 Polyclonal Antibody - Protocols

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 Polyclonal Antibody - Images





CLK4 Polyclonal Antibody - 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.