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

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℃

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.

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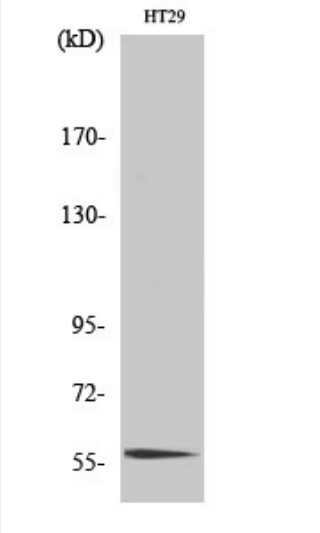
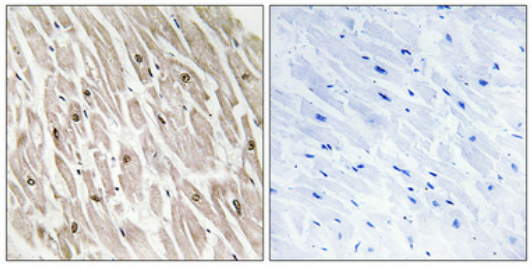
CLK4 Polyclonal Antibody - Protocols

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

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

CLK4 Polyclonal Antibody - Images





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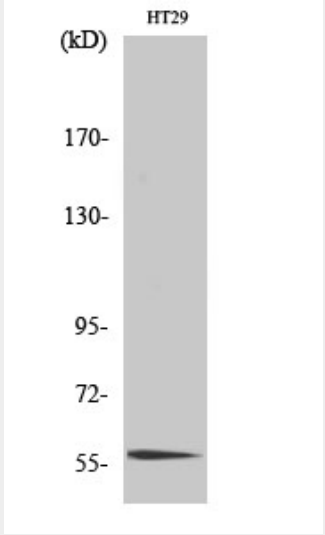

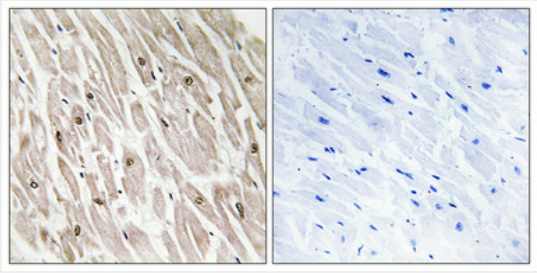

CLK4 Polyclonal Antibody - Background

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.