

LOK Polyclonal Antibody

Catalog # AP70761

Specification

LOK Polyclonal Antibody - Product Information

Application WB
Primary Accession O94804
Reactivity Human
Host Rabbit
Clonality Polyclonal

LOK Polyclonal Antibody - Additional Information

Gene ID 6793

Other Names

STK10; LOK; Serine/threonine-protein kinase 10; Lymphocyte-oriented kinase

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

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

Storage Conditions

-20°C

LOK Polyclonal Antibody - Protein Information

Name STK10

Synonyms LOK

Function

Serine/threonine-protein kinase involved in regulation of lymphocyte migration. Phosphorylates MSN, and possibly PLK1. Involved in regulation of lymphocyte migration by mediating phosphorylation of ERM proteins such as MSN. Acts as a negative regulator of MAP3K1/MEKK1. May also act as a cell cycle regulator by acting as a polo kinase kinase: mediates phosphorylation of PLK1 in vitro; however such data require additional evidences in vivo.

Cellular Location

Cell membrane; Peripheral membrane protein

Tissue Location

Highly expressed in rapidly proliferating tissues (spleen, placenta, and peripheral blood leukocytes). Also expressed in brain, heart, skeletal muscle, colon, thymus, kidney, liver, small intestine and lung.

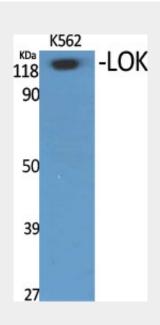


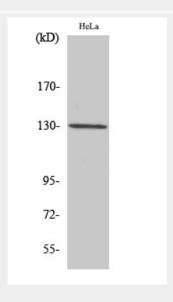
LOK Polyclonal Antibody - Protocols

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

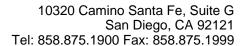
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

LOK Polyclonal Antibody - Images





LOK Polyclonal Antibody - Background





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