
Product Name: LOK Rabbit Polyclonal Antibody**Catalog #: APRab13368**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	120kDa

Antigen Information

Gene Name	STK10
Alternative Names	STK10; LOK; Serine/threonine-protein kinase 10; Lymphocyte-oriented kinase
Gene ID	6793.0
SwissProt ID	O94804
Immunogen	The antiserum was produced against synthesized peptide derived from human STK10. AA range:491-540

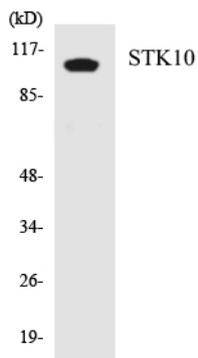
Background

This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like

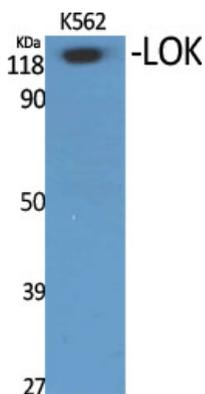
kinase kinases. The protein can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. The kinase can also negatively regulate interleukin 2 expression in T-cells via the mitogen activated protein kinase kinase 1 pathway. [provided by RefSeq, Jul 2008], catalytic activity:ATP + a protein = ADP + a phosphoprotein., function:Can act on substrates such as myelin basic protein and histone 2A on serine and threonine residues., PTM:Autophosphorylated., similarity:Belongs to the protein kinase superfamily., similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily., similarity:Contains 1 protein kinase domain., tissue specificity:Expressed predominantly in lymphoid organs.,

Research Area

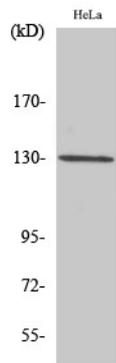
Image Data



Western blot analysis of the lysates from HT-29 cells using STK10 antibody.



Western Blot analysis of various cells using LOK Polyclonal Antibody



Western Blot analysis of HuvEc cells using LOK Polyclonal Antibody