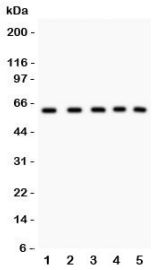
LKB1 Antibody (R31683)

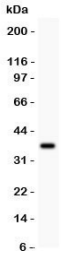
Catalog No.	Formulation	Size
R31683	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	6794
Applications	Western blot: 0.5-1ug/ml
Limitations	This LKB1 antibody is available for research use only.



Western blot testing of LKB1 antibody and human samples 1: 293T; 2: HT1080; 3: SHG-44; 4: Jurkat; 5: placenta; Predicted molecular weight: 50~60 kDa



Western blot testing of LKB1 antibody and recombinant human protein (0.5ng)

Description

Serine/threonine kinase 11 or LKB1 is a protein kinase which in humans is encoded by the STK11 gene. The STK11 gene, which encodes a member of the serine/threonine kinase, regulates cell polarity and functions as a tumour suppressor. STK11 is a primary upstream kinase of adenine monophosphate-activated protein kinase (AMPK), a necessary element in cell metabolism that is required for maintaining energy homeostasis. It has been found that LKB1 physically associates with p53 and regulates specific p53-dependent apoptosis pathways.

Application Notes

Variations in secondary/substrate sensitivities and test protocols may require the LKB1 antibody to be titrated for optimal performance.

Immunogen

Human partial recombinant protein (AA 62-430) was used as the immunogen for this LKB1 antibody.

Storage

The lyophilized LKB1 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

Copyright © NSJ Bioreagents. All rights reserved.