

LKB1(Phospho Thr189) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10934
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human LKB1 around the phosphorylation site of Thr189. AA range:155-204
Mol wt	48636
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase STK11
Synonyms	Serine/threonine-protein kinase STK11; STK11; LKB1; PJS; Serine/threonine-protein kinase STK11; Liver kinase B1; LKB1; hLKB1; Renal carcinoma antigen NY-REN-19

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

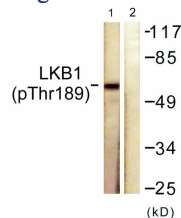
Recommended Dilution

WB: 1: 500 - 1: 2000

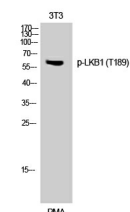
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of 3T3 cells using Phospho-LKB1 (T189) Polyclonal Antibody



Western blot analysis of lysates from NIH/3T3 cells treated with PMA 125ng/ml 30', using LKB1 (Phospho-Thr189) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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