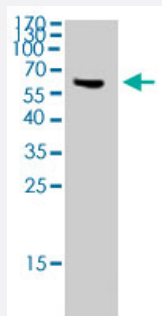


STK11 (phospho T189) polyclonal antibody

Catalog # PAB31636 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of 3T3 cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human STK11 (phospho T189).
Immunogen	A synthetic peptide corresponding to amino acids 130-210 of human STK11 (phospho T189).
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of STK11 protein only when phosphorylated at T189.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (1:5000) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 0.5% BSA and 0.02% sodium azide).

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)
Western Blot (Cell lysate) analysis of 3T3 cell lysate.
- Enzyme-linked Immunoabsorbent Assay

Gene Info — STK11

Entrez GeneID[6794](#)**Protein Accession#**[Q15831](#)**Gene Name**

STK11

Gene Alias

LKB1, PJS

Gene Description

serine/threonine kinase 11

Omim ID[175200 273300 602216](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

polarization-related protein LKB1|serine/threonine protein kinase 11

Pathway

- [Adipocytokine signaling pathway](#)
- [mTOR signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hyperinsulinism](#)
- [Insulin Resistance](#)
- [Long QT syndrome](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Peutz-Jeghers Syndrome](#)
- [Polycystic Ovary Syndrome](#)

- [Pulmonary Disease](#)
- [Torsades de Pointes](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)