

# Phospho-STK11-S428 Rabbit pAb

Catalog No.: AP1108

## Basic Information

### Observed MW

65kDa

### Calculated MW

49kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a serine/threonine kinase that regulates cell polarity and energy metabolism and functions as a tumor suppressor. Mutations in this gene have been associated with the autosomal dominant Peutz-Jeghers syndrome, as well as with skin, pancreatic, and testicular cancers.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6794

### Swiss Prot

Q15831

### Immunogen

A synthetic phosphorylated peptide around S428 of human STK11 (NP\_000446.1).

### Synonyms

PJS; LKB1; hLKB1; Phospho-STK11-S428

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

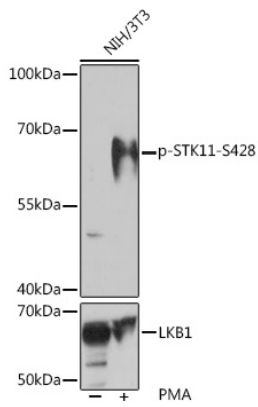
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells, using Phospho-STK11-S428 Rabbit pAb (AP1108) at 1:1000 dilution or LKB1 antibody (A2122). NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.