

Phospho-STK11-S334 Rabbit pAb

Catalog No.: AP0601

Basic Information

Observed MW

54kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

WB, ELISA

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 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6794

Swiss Prot

Q15831

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

PJS; LKB1; hLKB1; Phospho-STK11-S334

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

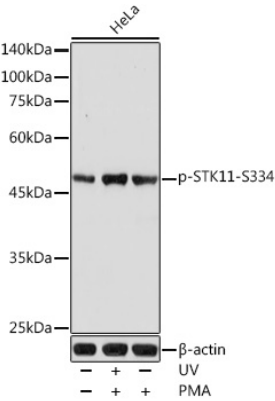
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-STK11-S334 Rabbit pAb (AP0601) at 1:1000 dilution. HeLa cells were treated with UV at room temperature for 30 minutes and PMA (200 nM) at 37°C for 30 minutes after serum-starvation
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.