Anti-Phospho-LKB1 (Ser334) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108764

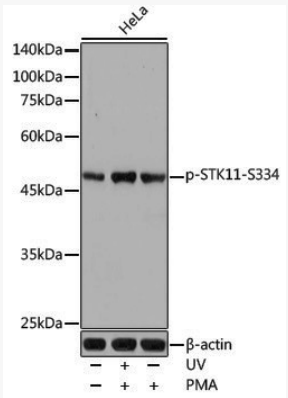
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S334 of human STK11 (NP_000446.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-LKB1 (Ser334) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	PJS; LKB1; hLKB1; Phospho-STK11-S334.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 54 kDa
Uniprot ID	Q15831
Gene ID	6794
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.

Validation Images



Western blot analysis of lysates from HeLa cells, using Phospho-STK11-S334 Rabbit pAb (P108764) at 1:1,000 dilution. Hela cells were treated by 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) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 180s.