



Anti-STK11 (aa 321-433) polyclonal antibody (DPAB-DC2987)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	STK11 (AAH07981, 321 a.a. ~ 433 a.a) partial recombinant protein with GST tag. The sequence is PIPPSPDTKDRWRSMTVVPYLEDLHGADEDDEDLFDIEDDIYTQDFTVPGQVPEEEASHN GQRRLPKAVCMNGTEAAQLSTKSRAEGRAPNPARKACSASSKIRRLSACKQQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STK11 serine/threonine kinase 11 [Homo sapiens (human)]
Official Symbol	STK11
Synonyms	STK11; serine/threonine kinase 11; PJS; LKB1; hLKB1; serine/threonine-protein kinase STK11; liver kinase B1; polarization-related protein LKB1; renal carcinoma antigen NY-REN-19; serine/threonine-protein kinase 11; serine/threonine-protein kinase LKB1;
Entrez Gene ID	6794
Protein Refseq	NP_000446
UniProt ID	Q15831
Chromosome Location	19p13.3
Pathway	AMPK inhibits chREBP transcriptional activation activity; AMPK signaling pathway; Adipocytokine signaling pathway; Energy dependent regulation of mTOR by LKB1-AMPK
Function	ATP binding; LRR domain binding; magnesium ion binding; p53 binding
