



STK11 blocking peptide (CDBP5685)

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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

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
mRNA Refseq	NM_000455
Protein Refseq	NP_000446
UniProt ID	Q15831
Pathway	AMPK inhibits chREBP transcriptional activation activity; AMPK signaling; AMPK signaling pathway; Adipocytokine signaling pathway; Energy dependent regulation of mTOR by LKB1-AMPK; FoxO signaling pathway; IGF1R signaling cascade; IRS-mediated signalling
Function	ATP binding; LRR domain binding; magnesium ion binding; p53 binding; protein binding; protein complex binding; protein kinase activator activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity