

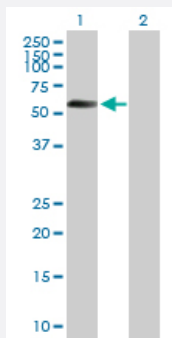
MaxPab®

STK11 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006794-B01P

Size 50 ug

Applications

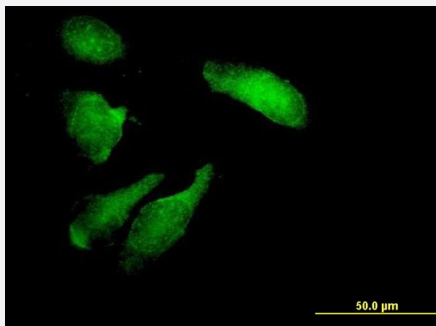


Western Blot (Transfected lysate)

Western Blot analysis of STK11 expression in transfected 293T cell line ([H00006794-T01](#)) by STK11 MaxPab polyclonal antibody.

Lane 1: STK11 transfected lysate(47.63 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STK11 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STK11 protein.

Immunogen

STK11 (NP_000446.1, 1 a.a. ~ 433 a.a) full-length human protein.

Sequence

MEVVDPPQQLGMFTGELMSVGMDFIHRIDSTEVYQPRRKRAKLIGKYLMGDLLGEGSYGKVKE
VLDSETLCRRRAVKILKKKKLRRIPNGEANVKKEIQLLRRLRHKNVIQLVDVLYNEEKQKMYMVMEY
CVCGMQEMLDSPVEKRFVPCQAHGYFCQLIDGLEYLHSQGMVHKDIKPGNLLLTTGGTLKISDLGV
AEALHPFAADDTCRTSQGSPAFQPPEIANGLDTFSGFKVDIWSAGVTLYNITTGLYPFEGDNMYKLF
ENIGKGSYAIPGDCGPPLSDLLKGMLEYEPAKRFSIRQIRQHSWFRKKHPPAEAPVPIPPSPDTKD
RWRSMTVVPYLEDLHGADEDEDLFDIEDDIYTQDFTVPGQVPEEEASHNGQRRGLPKAVCMNG
TEAAQLSTKSRAEGRAPNPARKACSASSKIRRLSACKQQ

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STK11 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — STK11

Entrez GeneID	6794
GeneBank Accession#	NM_000455.4
Protein Accession#	NP_000446.1
Gene Name	STK11
Gene Alias	LKB1, PJS
Gene Description	serine/threonine kinase 11
Omim ID	175200 273300 602216
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

polarization-related protein LKB1|serine/threonine protein kinase 11

Pathway

- [Adipocytokine signaling pathway](#)
- [mTOR signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hyperinsulinism](#)
- [Insulin Resistance](#)

- [Long QT syndrome](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Peutz-Jeghers Syndrome](#)
- [Polycystic Ovary Syndrome](#)
- [Pulmonary Disease](#)
- [Torsades de Pointes](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)