

Datasheet for ABIN520580
anti-LKB1 antibody (AA 1-433)



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2 Images

Overview

Quantity:	50 µg
Target:	LKB1 (STK11)
Binding Specificity:	AA 1-433
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This LKB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	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:	MEVVDPPQLG MFTEGELMSV GMDTFIHRID STEVIYQPRR KRAKLIGKYL MGDLLGEGSY GKVKEVLDSE TLCRRAVKIL KKKKLRRIPN GEANVKKEIQ LLRRLRHKNV IQLVDVLYNE EKQKMYMVME YCVCGMQEML DSVPEKRFPV CQAHGYFCQL IDGLEYLHSQ GIVHKDIKPG NLLLTGGTL KISDLGVAEA LHPFAADDTC RTSQGSPAFQ PPEIANGLDT FSGFKVDIWS AGVTLYNITT GLYPFEGDNI YKLFENIGKG SYAIPGDCGP PLSDLLKGML EYEPKRFSI RQIRQHSWFR KKHPPAEAPV PIPSPDTKD RWRSMTVVPY LEDLHGADED EDLFDIEDDI IYTQDFTVPG QVPEEEASHN GQRRGLPKAV CMNGTEAAQL STKSRAEGRA PNPARKACSA SSKIRRLSAC KQQ
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: LKB1 (STK11)

Alternative Name: STK11 ([STK11 Products](#))

Background: Full Gene Name: serine/threonine kinase 11
Synonyms: LKB1,PJS

Gene ID: 6794

NCBI Accession: [NM_000455](#)

Pathways: [AMPK Signaling](#), [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#),
[Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

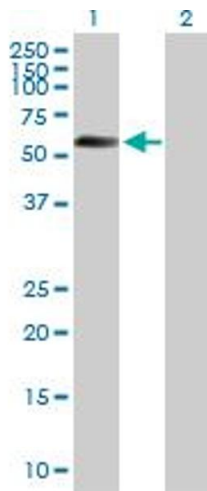
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

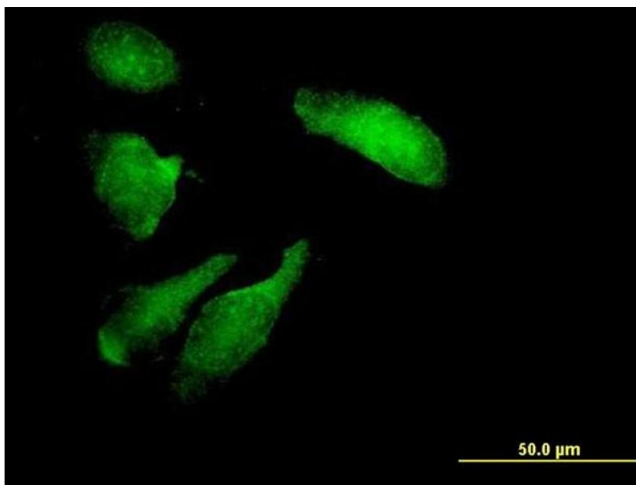


Western Blotting

Image 1. Western Blot analysis of STK11 expression in transfected 293T cell line by STK11 MaxPab polyclonal antibody.

Lane 1: STK11 transfected lysate(47.63 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to STK11 on HeLa cell. [antibody concentration 10 ug/ml]