



## Datasheet for ABIN1327627 anti-STK31 antibody (AA 1-1019)



[Go to Product page](#)

1 Image

1 Publication

### Overview

Quantity:	50 µL
Target:	STK31
Binding Specificity:	AA 1-1019
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This STK31 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human STK31 protein.
Immunogen:	STK31 (AAH59374.1, 1 a.a. ~ 1019 a.a) full-length human protein.
Sequence:	MWVQGHSSRA SATESVSFSG IVQMDEDTHY DKVEDVVGSH IEDAVTFWAQ SINRNKDIMK IGCSLSEVCP HASSVLGNLD PNKIYGGFLFS EDQCWYRCKV LKIISVEKCL VRYIDYGNTE ILNRSDIVEI PLELQFSSVA KKYKLWGLHI PSDQEVTFQD QGTTFLGSLI FEKEIKMRIK ATSEDGTVIA QAEYGSVDIG EEVLKKGFAE KCRLASRTDI CEEKKLDPGQ LVLRLNKSPI PLWGHRSNQS TFSRPGHLS EKMTLDLKDE NDAGNLITFP KESLAVGDFN LGSNVSLEKI KQDQKLIEN EKLKTEKDAL LESYKALELK VEQIAQELQQ EKAAAVDLTN HLEYTLKTYI DTRMKNLAAK MEILKEMRHV DISVRFKDL SDAIQVLDEG CFTTPASLNG LEIIWAEYSL AQENIKTCEY VSEGNILIAQ RNEMQQKLYM SVEDFILEVD ESSLNKRLKT LQDLSVSLEA VYGQAKEGAN SDEILKKFYD WKCDKREEFT SVRSETDASL HRLVAWFQRT LKVFDSLVEG SLISEDAMDN IDEILEKTES SVCKELEIAL VDQGDADKEI ISNTYSQVLQ KIHSEERLIA TVQAKYKDSI

## Product Details

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EFKKQLIEYL NKSPSVDHLL SIKKTLKSLK ALLRWKLVEK SNLEESDDPD GSQIEKIKEE  
ITQLRNNVFQ EIIHEREEYE MLTSLAQKWF PELPLLHPEI GLLKYMNSGG LLTMSLERDL  
LDAEPMKELS SKRPLVRSEV NGQIILLKGY SVDVDTEAKV IERAATYHRA WREAEGDSSL  
LPLIFLFLCK SDPMAYLMVP YYPRANLNAV QANMPLNSEE TLKVMKGVAQ GLHTLHKADI  
IHGSLHQNNV FALNREQGIV GDFDFTKSVS QRASVNMVMG DLSLMSPELK MGKPASPGSD  
LYAYGCLLLW LSVQNQFEI NKDGIPKVDQ FHLDDKVKSL LCSLICYRSS MTAEQVLNAE  
CFLMPKEQSV PNPEKDTEYT LYKKEEEIKT ENLDKCMEKT RNGEANFDC

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: STK31

Alternative Name: STK31 ([STK31 Products](#))

Background: Full Gene Name: serine/threonine kinase 31  
Synonyms: FLJ16102,SGK396,TDRD8

Gene ID: 56164

## Application Details

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

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: No additive

Preservative: Without preservative

Handling Advice: Aliquot to avoid repeated freezing and thawing.

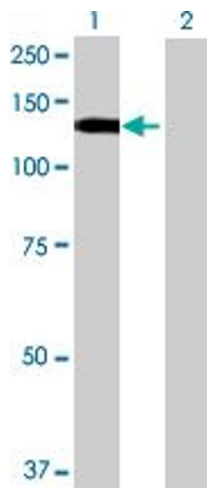
Storage: -20 °C

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

## Publications

Product cited in: Fok, Chung, Yi, Jiang, Sun, Chen, Chen, Kung, Tao, Diao, Chan, Zhang, Chung, Cai, Chang Chan: "STK31 maintains the undifferentiated state of colon cancer cells." in: **Carcinogenesis**, Vol. 33, Issue 11, pp. 2044-53, (2012) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western Blot analysis of STK31 expression in transfected 293T cell line by STK31 MaxPab polyclonal antibody.

Lane 1: STK31 transfected lysate(112.09 KDa).

Lane 2: Non-transfected lysate.