

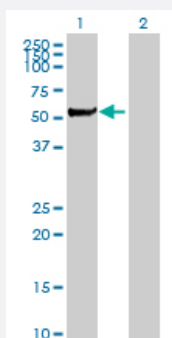
MaxPab®

STK3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006788-B01P

Size 50 ug

Applications

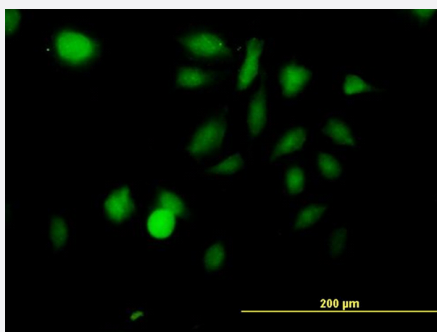


Western Blot (Transfected lysate)

Western Blot analysis of STK3 expression in transfected 293T cell line ([H00006788-T01](#)) by STK3 MaxPab polyclonal antibody.

Lane 1: STK3 transfected lysate(54.01 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to STK3 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STK3 protein.

Immunogen

STK3 (NP_006272.2, 1 a.a. ~ 491 a.a) full-length human protein.

Sequence

MEQPPAPKSKLKKLSEDSLTKQPEEVFDVLEKLGEESYGSVFKAIHKESGQVVAIKQVPVESDL
QEIIKEISIMQQCDSPYVVKYYGSYFKNTDLWVMEYCGAGSVSDIIRLNKTLIEDEIATILKSTLKGLE
YLHFMRKIHRDIKAGNILLNTEGHAKLADFGVAGQLTDTMAKRNTVIGTPFWMAPEVIQEIGYNCVA
DIWSLGITSIEMAEGKPPYADIHPMRAIFMIPTNPPPTFRKPELWSDDFTDFVKKCLVKNPQRATA
TQLLQHPFIKNAKPVSI LRDLITEAMEIKAKRHEEQQRELEEEENSDDELDSTHMTKTSVESVG
TMRATSTMSEGAQTMIEHNSTMLES DLGTMVINSEDEEEEDGTMKRNATSPQVQRPSFMDYFDK
QDFKNKSHENCNQNMHEPFPMSKNVFPDNNKVPQDGDGDFLKNLSLEELQMRLKALDPMMER
EIEELRQRYTAKRQPI LDAMDAKKRRQQNF

Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — STK3

Entrez GeneID	6788
GeneBank Accession#	NM_006281.2
Protein Accession#	NP_006272.2
Gene Name	STK3
Gene Alias	FLJ90748, KRS1, MST2
Gene Description	serine/threonine kinase 3 (STE20 homolog, yeast)
Omim ID	605030
Gene Ontology	Hyperlink

Gene Summary

Protein kinase activation is a frequent response of cells to treatment with growth factors, chemicals, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cells to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstream of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of stress conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents staurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM]

Other Designations

serine/threonine kinase 3 (Ste20, yeast homolog)

Pathway

- [MAPK signaling pathway](#)