

Rabbit STK4 Polyclonal Antibody | anti-STK4 antibody

STK4 Antibody

CATALOG # AAA225446	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

STK4; Polyclonal Antibody; STK4 Antibody; Affinity Purified Rabbit Polyclonal STK4 Antibody; Polyclonal STK4 antibody; Anti-STK4 antibody; DKFZp686A2068 antibody; mammalian sterile 20-like 1 antibody; STK4 antibody; STK-4; STK-4 antibody; serine/threonine-protein kinase Krs-2 antibody; YSK3 antibody; MST1 antibody; kinase responsive to stress 2 antibody; STK 4 antibody; MST-1 antibody; KRS2 antibody; STK 4; anti-STK4 antibody

PRODUCT SPECIFICATIONS

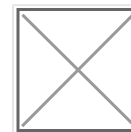
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	462
Applicable Applications for anti-STK4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



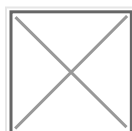
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using STK4 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



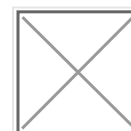
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 7.5% SDS PAGE gel and STK4 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using STK4 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5% SDS PAGE gel and STK4 antibody at a dilution of 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-STK4 antibody	The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process.
Product Categories/Family for anti-STK4 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1206271450
NCBI GenBank Nucleotide #	NP_001339314.1
Molecular Weight	56 kDa
NCBI Official Full Name	serine/threonine-protein kinase 4 isoform 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stk4-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225446>