

Rabbit anti-Human STK4 Polyclonal Antibody | anti-STK4 antibody

STK4 Antibody: Biotin

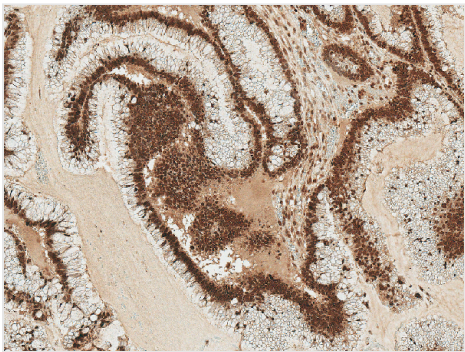
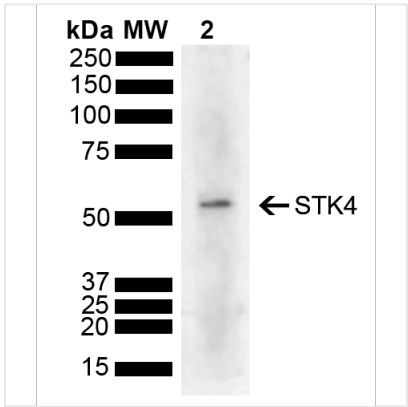
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253908	Rabbit	Human	Western Blot

PRODUCT SYNONYMS

STK4; Polyclonal Antibody; STK4 Antibody: Biotin; Rabbit Anti-Human STK4 Polyclonal; Serine/threonine-protein kinase 4 Antibody; YSK3 Antibody; STE20-like kinase MST1 Antibody; MST-1 Antibody; Mammalian sterile 20 like 1 Antibody; TIIAC Antibody; MST1 Antibody; Krs2 Antibody; Mammalian STE20 like protein kinase 1 Antibody; EC:2.7.11.1 Antibody; Serine/threonine protein kinase Krs 2 Antibody; Kinase responsive to stress Antibody; STK4 Antibody; KRS2 Antibody; MST1/C Antibody; STE20 like kinase MST1 Antibody; Mammalian STE20-like protein kinase 1 Antibody; MST1/N Antibody; Serine/threonine kinase 4 Antibody; Serine/threonine-protein kinase Krs-2 Antibody; STK4_HUMAN Antibody; anti-STK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Detects 55 kDa.
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	487
Applicable Applications for anti-STK4 antibody	WB (Western Blot)
Target	STK4
Immunogen	Synthetic peptide from the C-terminal of Human Serine/threonine-protein kinase 4 (aa. 320-420)
Immunogen Species	Human
Cellular Localization	Cytoplasm; Nucleus
Conjugate	Biotin
Storage Buffer	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Tissue Specificity	Expressed in prostate cancer and levels increase from the normal to the malignant state (at protein level). Ubiquitously expressed.
Preparation and Storage	Store at -20 degree C.



IHC (Immunohistochemistry)
Immunohistochemistry analysis using Rabbit Anti-STK4 Polyclonal Antibody . Tissue: Colon Cancer. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-STK4 Polyclonal Antibody at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.

WB (Western Blot)
Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of 55.6 kDa STK4 protein using Rabbit Anti-STK4 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa . Load: 10 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-STK4 Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: 55.6 kDa.

ADDITIONAL INFORMATION

Product Categories/Family for anti-STK4 antibody	Antibodies; Cell Signaling; Protein Phosphorylation; Serine/Threonine Kinases; Cardiovascular System; Atherosclerosis; Heart; Hypertrophy
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454096
NCBI GeneID	6789
NCBI Accession #	NP_006273.1
NCBI GenBank Nucleotide #	NM_006282.4
UniProt Accession #	Q13043; Q15802; Q4G156; Q5H982; Q6PD60; Q9BR32; Q9NTZ4; B2RCR8
Molecular Weight	52,335 Da
NCBI Official Full Name	serine/threonine-protein kinase 4 isoform 1
NCBI Official Synonym Full Names	serine/threonine kinase 4
NCBI Official Symbol	STK4
NCBI Official Synonym Symbols	KRS2; MST1; YSK3
NCBI Protein Information	serine/threonine-protein kinase 4
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4
UniProt Synonym Gene Names	KRS2; MST1; MST-1; MST1/N; MST1/C

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.