

Rabbit STK3 Polyclonal Antibody | anti-STK3 antibody

STK3 antibody - N-terminal region

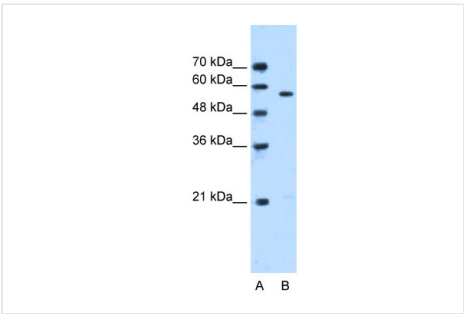
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199943	Rabbit	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish (Tested Reactivity: Human, Mouse)	Western Blot

PRODUCT SYNONYMS

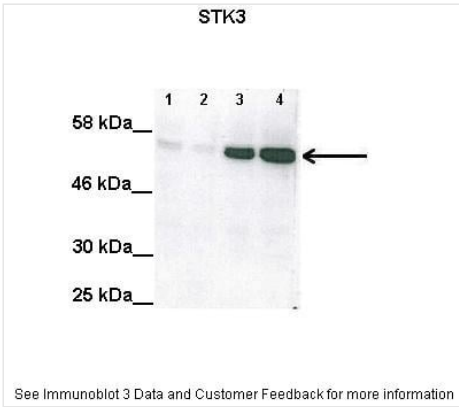
STK3; Polyclonal Antibody; STK3 antibody - N-terminal region; anti-STK3 antibody

PRODUCT SPECIFICATIONS

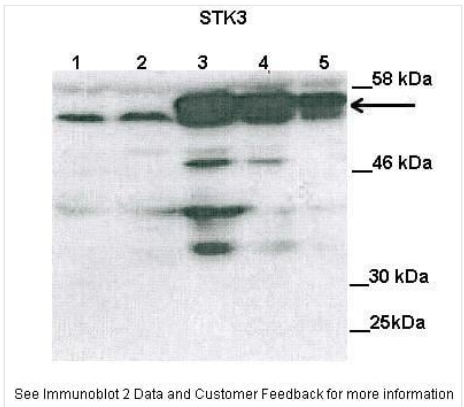
Host	Rabbit
Reactivity	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish (Tested Reactivity: Human, Mouse)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5-1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: ME QPPAPKSKLK KLSEDSLTKQ PEEVFDVLEK LGEGSYGSVF KAIHKESG
Sequence Length	491
Applicable Applications for anti-STK3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human STK3
Protein Size	491 amino acids
Protein Interactions	RASSF2; SLMAP; TRAF1; GAD1; FAM9B; RASSF4; GMCL1; TFPT; FBXW11; UBC; AURKB; RAE1; YWHAB; TSPYL1; STRN; STK4; PRKRIR; PLK1; RASSF5; SAV1; CTTNBP2NL; MOB1A; MAP1S; STRN3; STRN4; LATS2; FGFR1OP2; MOB4; RASSF1; ERLIN2; KIF2C; RASSF3; RUNDC3B; MOB1B; STRIP1; S
Replacement Item	This antibody may replace item sc-130405 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



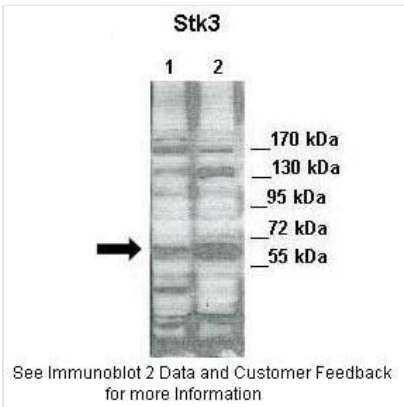
WB (Western Blot)
WB Suggested Anti-STK3 Antibody Titration: 0.2-1 ug/mlPositive Control: Jurkat cell lysate



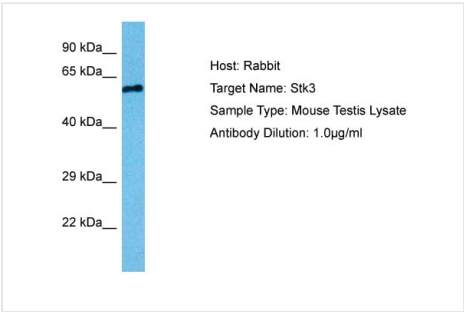
WB (Western Blot)
Lanes:Lane1: 100ug untransfected RPE-1 lysateLane2: 100ug untransfected RPE-1 lysateLane3: 100ug STK3 induced RPE-1 lysateLane4: 100ug STK3 induced RPE-1 lysatePrimary Antibody Dilution:1:2000Secondary Antibody:Anti-rabbit HRPSecondary Antibody Dilution:1:5000Gene Name:STK3Submitted by:Anonymous



WB (Western Blot)
Lanes:Lane1: 100ug untransfected COS-7 lysateLane2: 100ug mock transfected Cos-7 lysateLane3: 100ug STK3 transfected Cos-7 lysateLane4: 50 ug STK3 transfected Cos-7 lysateLane5: 25 ug STK3 transfected Cos-7 lysatePrimary Antibody Dilution:1:2000Secondary Antibody:Anti-rabbit HRPSecondary Antibody Dilution:1:5000Gene Name:STK3Submitted by:Anonymous



WB (Western Blot)
Lanes:Lane 1: 30ug of HeLa cell lysateLane 2: 30ug of 293T cell lysatePrimary Antibody Dilution:1:2000Secondary Antibody:Anti-rabbit-HRPSecondary Antibody Dilution:1:5000Gene Name:STK3Submitted by:Jixin Dong & Yuanhong Chen,University of Nebraska



WB (Western Blot)
Host: MouseTarget Name: STK3Sample Tissue: Mouse TestisAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-STK3 antibody	This is a rabbit polyclonal antibody against STK3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 straurosporine and FAS ligand. 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 straurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-11 U26424.1 1-11 12-2826 BC010640.2 1-2815
Product Categories/Family for anti-STK3 antibody	Polyclonal; Lymphocyte Signaling; Apoptosis; Phosphorylation; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	103471999
NCBI GeneID	6788
NCBI Accession #	NP_006272
NCBI GenBank Nucleotide #	NM_006281
UniProt Accession #	Q13188
Molecular Weight	56kDa
NCBI Official Full Name	serine/threonine-protein kinase 3 isoform 1
NCBI Official Synonym Full Names	serine/threonine kinase 3
NCBI Official Symbol	STK3
NCBI Official Synonym Symbols	KRS1; MST2
NCBI Protein Information	serine/threonine-protein kinase 3
UniProt Protein Name	Serine/threonine-protein kinase 3
UniProt Gene Name	STK3
UniProt Synonym Gene Names	KRS1; MST2; MST-2; MST2/N; MST2/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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/stk3-antibody-western-blot-elisa/199943>