

Rabbit STK3 Polyclonal Antibody | anti-STK3 antibody

STK3 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23535	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

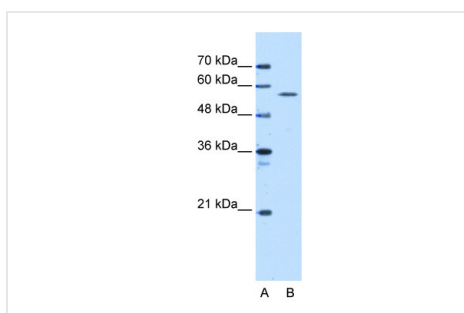
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

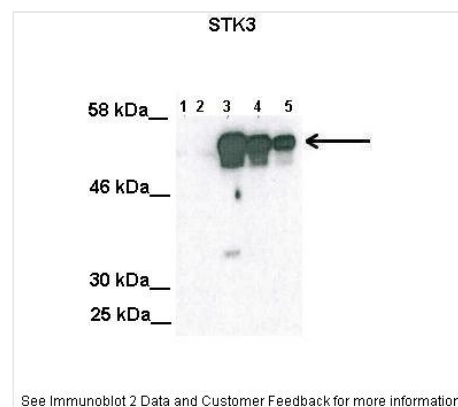
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IEHNSTMLES DLGTMVINSEDEEEEDGTMKRNATSPQVQRPSFMDYFDKQ
Sequence Length	491
Applicable Applications for anti-STK3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human STK3
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.

IMAGES



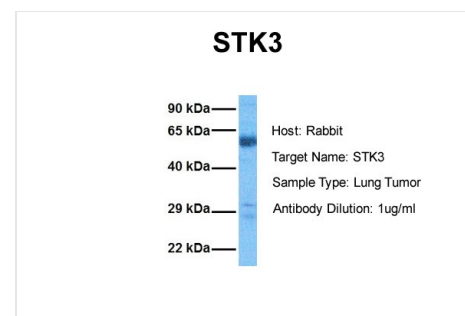
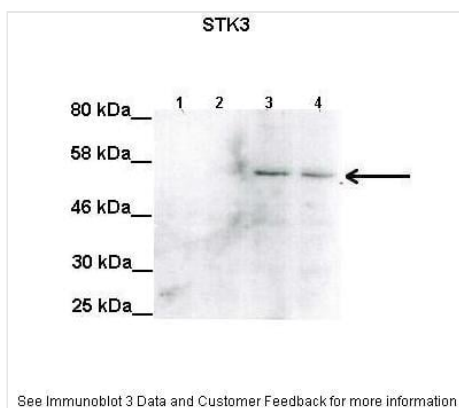
WB (Western Blot)

WB Suggested Anti-STK3 Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate



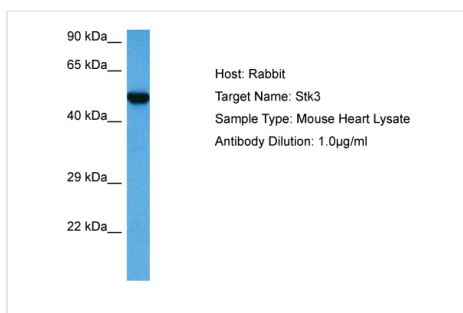
WB (Western Blot)

Lanes: Lane1: 100ug untransfected COS-7 lysate Lane2: 100ug mock transfected Cos-7 lysate Lane3: 100ug STK3 transfected Cos-7 lysate Lane4: 50 ug STK3 transfected Cos-7 lysate Lane5: 25 ug STK3 transfected Cos-7 lysate Primary Antibody Dilution: 1:2000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:5000 Gene Name: STK3 Submitted by: Anonymous

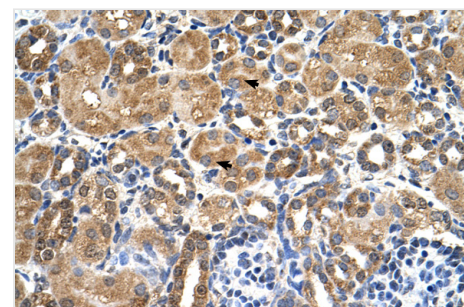


WB (Western Blot)
Host: RabbitTarget Name: STK3Sample Tissue: Human Lung TumorAntibody Dilution: 1.0ug/ml

WB (Western Blot)
Lanes:Lane1: 100ug uninduced RPE-1 lysateLane2: 100ug uninduced 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)
Host: MouseTarget Name: STK3Sample Tissue: Mouse HeartAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-STK3 AntibodyParaffin Embedded Tissue: Human KidneyCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-STK3 antibody

This is a rabbit polyclonal antibody against STK3. It was validated on Western Blot and immunohistochemistry

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 strausporine 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 strausporine 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](#); [Immunohistochemistry](#); [MAPK Signaling](#); [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-immunohistochemistry-western-blot-elisa/23535>