

Rabbit STK11 Polyclonal Antibody | anti-STK11 antibody

STK11 antibody - N-terminal region

CATALOG # AAA198981	HOST Rabbit	REACTIVITY Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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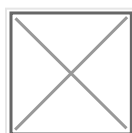
PRODUCT SYNONYMS

STK11; Polyclonal Antibody; STK11 antibody - N-terminal region; anti-STK11 antibody

PRODUCT SPECIFICATIONS

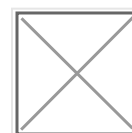
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TL CRRVAVKILKK KKLRRIPNGE ANVKKEIQLL RRLRHKNVIQ LVDVLYNE
Sequence Length	433
Applicable Applications for anti-STK11 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human STK11
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



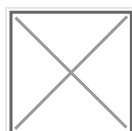
WB (Western Blot)

WB Suggested Anti-STK11 Antibody Titration: 1.25ug/ml
Positive Control: Jurkat cell lysate
STK11 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: STK11
Sample Tissue: Human 293T
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-STK11 Antibody
Paraffin Embedded Tissue: Human Muscle
Cellular Data: Skeletal muscle cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-STK11 antibody	<p>This is a rabbit polyclonal antibody against STK11. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: STK11is a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in its gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms.This gene, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.</p>
Product Categories/Family for anti-STK11 antibody	Polyclonal; Drugs and Drug Metabolism; Various; Disease Related; Tissue Specific & Cell Marker; Immunohistochemistry; Autophagy; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507271
NCBI GeneID	6794
NCBI Accession #	NP_000446
NCBI GenBank Nucleotide #	NM_000455
UniProt Accession #	Q15831
Molecular Weight	48kDa
NCBI Official Full Name	serine/threonine-protein kinase STK11
NCBI Official Synonym Full Names	serine/threonine kinase 11
NCBI Official Symbol	STK11
NCBI Official Synonym Symbols	PJS; LKB1; hLKB1
NCBI Protein Information	serine/threonine-protein kinase STK11
UniProt Protein Name	Serine/threonine-protein kinase STK11
UniProt Gene Name	STK11
UniProt Synonym Gene Names	LKB1; PJS; LKB1; hLKB1
UniProt Entry Name	STK11_HUMAN

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/stk11-antibody-western-blot-immunohistochemistry-elisa/198981>