

Rabbit anti-Human STK33 Polyclonal Antibody | anti-STK33 antibody

STK33 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288300	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

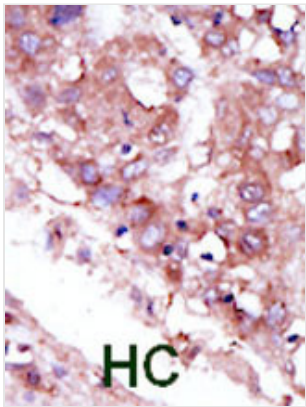
PRODUCT SYNONYMS

STK33; Polyclonal Antibody; STK33 Antibody (C-term); Serine/threonine-protein kinase 33; anti-STK33 antibody

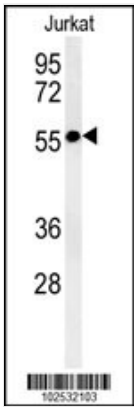
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STK33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 476-506 amino acids from the C-terminal region of human STK33.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	476-506
Sequence Length	514
Applicable Applications for anti-STK33 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
STK33-T481 western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the STK33 antibody detected the STK33 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STK33 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.
Product Categories/Family for anti-STK33 antibody	Signal Transduction
References	Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhiang S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Van der Ven, P, et al. Hum. Molec. Genet. 1993. 2: 1889. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561. Van Weering D, et al. Recent Results Cancer Res. 1998. 154: 271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943882
NCBI GeneID	65975
NCBI Accession #	NP_112168.1
NCBI GenBank Nucleotide #	NM_030906.3
UniProt Accession #	Q9BYT3; Q658S6; Q8NEF5
Molecular Weight	57831
NCBI Official Full Name	serine/threonine-protein kinase 33 isoform a
NCBI Official Synonym Full Names	serine/threonine kinase 33
NCBI Official Symbol	STK33

NCBI Protein Information	serine/threonine-protein kinase 33
UniProt Protein Name	Serine/threonine-protein kinase 33
UniProt Gene Name	STK33
UniProt Entry Name	STK33_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://www.aaabiotech.com/polyclonal/stk33-antibody-immunohistochemistry-western-blot-elisa/288300>