

Rabbit anti-Human LOK Polyclonal Antibody | anti-STK10 antibody

LOK Antibody (C-term E707)

CATALOG # AAA288486	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

LOK; Polyclonal Antibody; LOK Antibody (C-term E707); Serine/threonine-protein kinase 10; Lymphocyte-oriented kinase; STK10; anti-STK10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LOK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 692-721 amino acids from the C-terminal region of human LOK.
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 purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	692-721
Sequence Length	968
Applicable Applications for anti-STK10 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 (Immunohistochemistry)

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)

The anti-LOK Pab is used in Western blot to detect LOK in Jurkat cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-STK10 antibody	This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like kinase kinases. The protein can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. The kinase can also negatively regulate interleukin 2 expression in T-cells via the mitogen activated protein kinase kinase 1 pathway.
Product Categories/Family for anti-STK10 antibody	Signal Transduction
References	Kuramochi, S., et al., Immunogenetics 49(5):369-375 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	126362971
NCBI GeneID	6793
NCBI Accession #	NP_005981.3
NCBI GenBank Nucleotide #	NM_005990.3
UniProt Accession #	O94804; Q6NSK0; Q9UIW4; A6ND35; B2R8F5; B3KMY1
Molecular Weight	112135
NCBI Official Full Name	serine/threonine-protein kinase 10
NCBI Official Synonym Full Names	serine/threonine kinase 10
NCBI Official Symbol	STK10
NCBI Official Synonym Symbols	LOK; PRO2729
NCBI Protein Information	serine/threonine-protein kinase 10
UniProt Protein Name	Serine/threonine-protein kinase 10
UniProt Gene Name	STK10
UniProt Synonym Gene Names	LOK
UniProt Entry Name	STK10_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/lok-antibody-immunohistochemistry-western-blot-elisa/288486>