

Rabbit SPAK (STK39) Polyclonal Antibody | anti-STK39 antibody

SPAK (STK39) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289505	Rabbit	Human (Predicted Reactivity: Rat)	Western Blot, Immunohistochemistry, ELISA

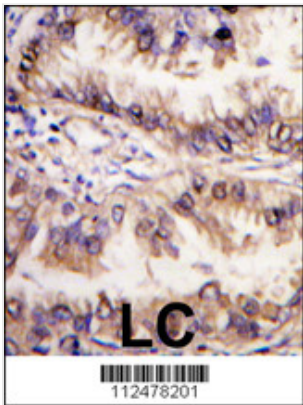
PRODUCT SYNONYMS

SPAK (STK39); Polyclonal Antibody; SPAK (STK39) Antibody (C-term); STE20/SPS1-related proline-alanine-rich protein kinase; Ste-20-related kinase; DCHT; Serine/threonine-protein kinase 39; STK39; SPAK; anti-STK39 antibody

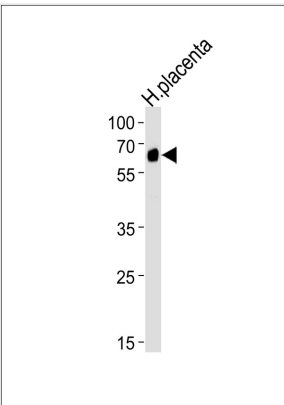
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPAK (STK39) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 386-415 amino acids from the C-terminal region of human SPAK (STK39).
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	386-415
Sequence Length	526
Applicable Applications for anti-STK39 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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 lung carcinoma tissue reacted with STK39 antibody (C-term) , 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.



WB (Western Blot)
STK39 Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the STK39 antibody detected the STK39 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STK39 antibody	STK39 is a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress.
Product Categories/Family for anti-STK39 antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Dowd, B.F., et al., J. Biol. Chem. 278(30):27347-27353 (2003). Johnston, A.M., et al., Oncogene 19(37):4290-4297 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430252
NCBI GeneID	27347
NCBI Accession #	NP_037365.2
NCBI GenBank Nucleotide #	NM_013233.2
UniProt Accession #	Q9UEW8; O14774; Q53S90; Q53SL7; Q53SS1; Q9UER4; X5D9C8
Molecular Weight	59474
NCBI Official Full Name	STE20/SPS1-related proline-alanine-rich protein kinase
NCBI Official Synonym Full Names	serine threonine kinase 39
NCBI Official Symbol	STK39
NCBI Official Synonym Symbols	DCHT; PASK; SPAK
NCBI Protein Information	STE20/SPS1-related proline-alanine-rich protein kinase
UniProt Protein Name	STE20/SPS1-related proline-alanine-rich protein kinase
UniProt Gene Name	STK39
UniProt Synonym Gene Names	SPAK; Ste-20-related kinase
UniProt Entry Name	STK39_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/spak-stk39-antibody-western-blot-immunohistochemistry-elisa/289505>