

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

Rabbit anti-SPAK Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211883	Rabbit	Human	Immunohistochemistry, Western Blot

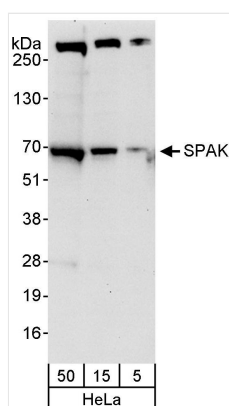
PRODUCT SYNONYMS

SPAK; Polyclonal Antibody; Rabbit anti-SPAK Antibody; Affinity Purified; serine/threonine-protein kinase 39; ste-20-related kinase; Ste20-like protein kinase; STE20/SPS1-related proline-alanine-rich protein kinase; STE20/SPS1 homolog; small intestine SPAK-like kinase; serine threonine kinase 39 (STE20/SPS1 homolog; yeast); proline-alanine-rich STE20-related kinase; PASK; DCHT; serine/threonine kinase 39; anti-SPAK antibody

PRODUCT SPECIFICATIONS

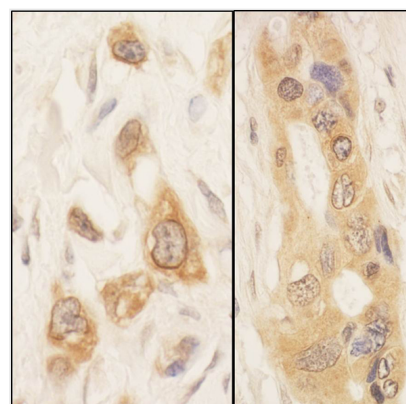
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SPAK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SPAK by western blot. Samples: Whole cell lysate (5, 15 and 50 ug) from HeLa cells. Antibodies: Affinity purified rabbit anti-SPAK antibody AAA211883 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human SPAK by immunohistochemistry. Samples: FFPE sections of human stomach cancer and ovarian carcinoma. Antibody: Affinity purified rabbit anti-SPAK (Cat. No. AAA211883 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SPAK antibody	STE20/SPS1-related proline-alanine rich protein kinase (SPAK) is a serine/threonine kinase that is thought to function in the cellular stress response pathway. This kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. Catalytically active SPAK 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 [taken from NCBI Entrez Gene (GeneID: 27347)].
Product Categories/Family for anti-SPAK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	27347
UniProt Accession #	Q9UEW8
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://www.aaabiotech.com/polyclonal/spak-antibody-immunohistochemistry-western-blot-elisa/211883>