

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

Rabbit anti-SPAK IHC Antibody, Affinity Purified

CATALOG # AAA214149	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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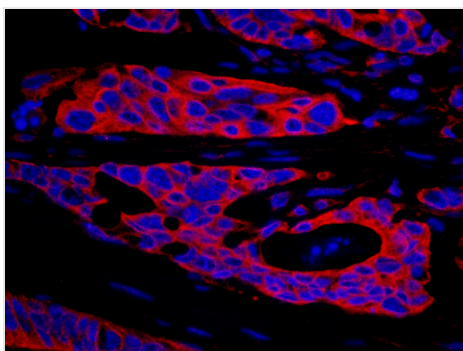
PRODUCT SYNONYMS

SPAK; Polyclonal Antibody; Rabbit anti-SPAK IHC 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

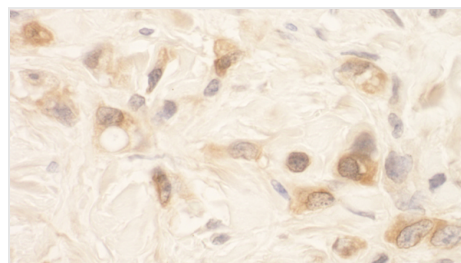
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SPAK antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Gorilla, Chimpanzee, Northern white-cheeked gibbon
Immunogen	Between 425 and 475
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



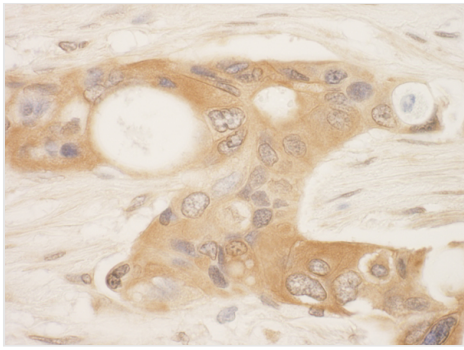
IHC (Immunohistochemistry)

Detection of human SPAK by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-SPAK (Cat. No. AAA214149) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human SPAK by immunohistochemistry. Sample: FFPE section of human linitis plastica stomach cancer. Antibody: Affinity purified rabbit anti-SPAK (Cat. No. AAA214149) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human SPAK by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-SPAK (Cat. No. AAA214149) used at a dilution of 1:250. 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-elisa/214149>