

## Rabbit SPAK Polyclonal Antibody | anti-SPAK antibody

Anti-SPAK Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA292970</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

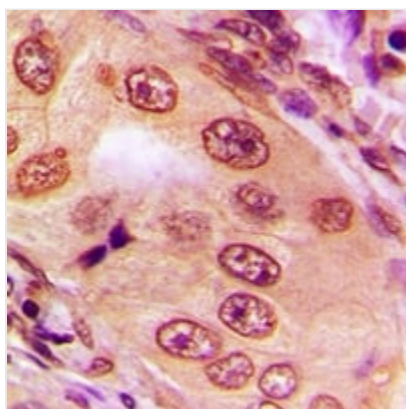
### PRODUCT SYNONYMS

SPAK; Polyclonal Antibody; Anti-SPAK Antibody; STE20/SPS1-related proline-alanine-rich protein kinase; Ste-20-related kinase; DCHT; Serine/threonine-protein kinase 39; anti-SPAK antibody

### PRODUCT SPECIFICATIONS

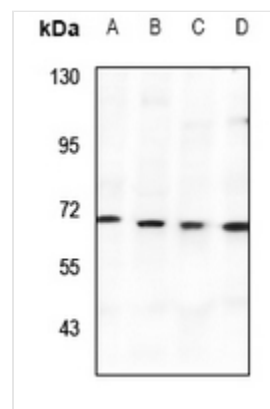
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-SPAK antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200) Immunohistochemical analysis of SPAK staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200) Western blot analysis of SPAK expression in CT26 (A), PC12 (B), A549 (C), MCF7 (D) whole cell lysates.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-SPAK antibody

Rabbit polyclonal antibody to SPAK  
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SPAK. The exact sequence is proprietary.

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                                                                                                                                                                                                                  |
| Molecular Weight                 | 59,474 Da                                                                                                                                                                                                                                                       |
| 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; STE20/SPS1 homolog; ste-20-related kinase; Ste20-like protein kinase; small intestine SPAK-like kinase; serine/threonine-protein kinase 39; proline-alanine-rich STE20-related kinase; serine threonine |
| 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/292970>