

# SPAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID AAC72238.1

Catalog No. A302-465A

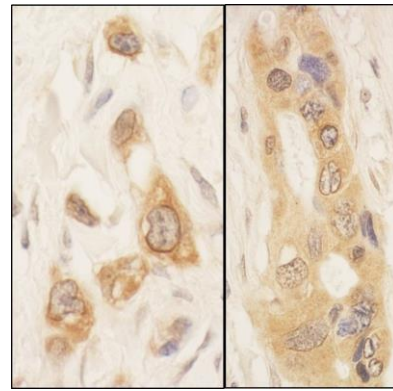
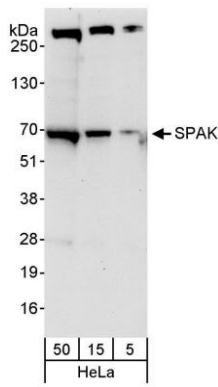
GeneID 27347

Lot No. A302-465A-1



<b>APPLICATIONS</b>	WB, IHC						
<b>SPECIES REACTIVITY</b>	Human						
<b>AMOUNT</b>	100 µl						
<b>CONCENTRATION</b>	200 µg/ml						
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt						
<b>PHYSICAL STATE</b>	Liquid						
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
<b>ISOTYPE</b>	IgG						
<b>ORIGIN</b>	USA						
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to SPAK immobilized on solid support.</p> <p>The epitope recognized by A302-465A maps to a region between residue 375 and 425 of human STE20/SPS1-related proline-alanine-rich protein kinase using the numbering given in entry AAC72238.1 (GeneID 27347).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>						
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 - 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr><tr><td>Immunohistochemistry</td><td>1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 - 1:10,000	Immunoprecipitation	Not recommended	Immunohistochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.						
<b>IHC HUMAN CONTROLS</b>	Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Testicular Seminoma						
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A302-465A">https://www.bethyl.com/product/A302-465A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>						

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human SPAK by western blot.** *Samples:* Whole cell lysate (5, 15 and 50 µg) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-SPAK antibody A302-465A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

**Detection of human SPAK by immunohistochemistry.** *Samples:* FFPE sections of human stomach cancer and ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-SPAK (Cat. No. A302-465A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB