

SPAK Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID AAC72238.1

Catalog No. A302-466A

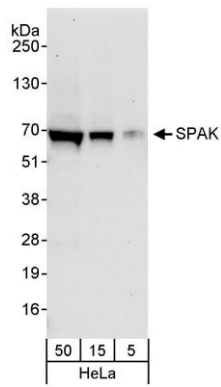
GeneID 27347

Lot No. A302-466A-1

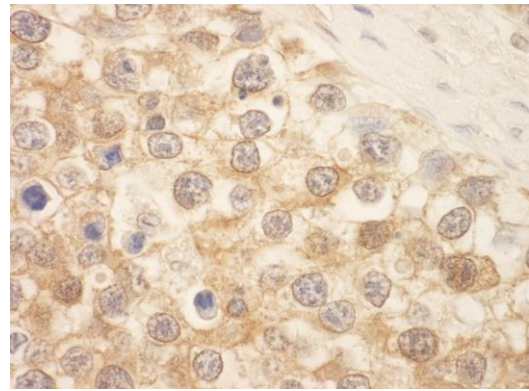


APPLICATIONS	WB, IHC						
SPECIES REACTIVITY	Human						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to SPAK immobilized on solid support.</p> <p>The epitope recognized by A302-466A maps to a region between residue 425 and 450 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>						
APPLICATIONS	<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.
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.						
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.						
IHC HUMAN CONTROLS	Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Testicular Seminoma						
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A302-466A</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 A302-466A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human SPAK by immunohistochemistry. *Sample:* FFPE section of human testicular seminoma. *Antibody:* Affinity purified rabbit anti- SPAK (Cat. No. A302-466A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB