



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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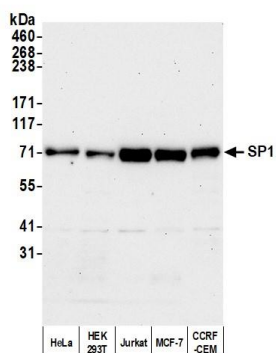
Sp1 Antibody

Rabbit Polyclonal

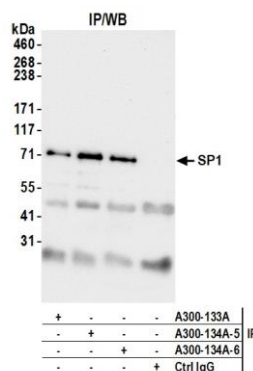
Antigen Affinity Purified	RefSeq ID	XP_028606.4
Catalog No. A300-134A	Uniprot ID	P08047
Lot No. A300-134A-6	GeneID	6667

APPLICATIONS	WB, IP, IHC, ChIP-Seq								
SPECIES REACTIVITY	Human, Mouse								
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 the antigen immobilized on solid support.</p> <p>The epitope recognized by A300-134A maps to a region between residue 750 and the C-terminus (residue 785) using the numbering given in entry XP_028606.4 (GeneID 6667).</p> <p>Immunoglobulin 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>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:2,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>ChIP-Seq</td><td>4 µg/30 µg chromatin</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:2,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	ChIP-Seq	4 µg/30 µg chromatin
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ChIP-Seq	4 µg/30 µg chromatin								
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma								
IHC MOUSE CONTROLS	Renal Cell Carcinoma								
ADDITIONAL INFO	<p>https://www.fortislifesciences.com/p/A300-134A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>								

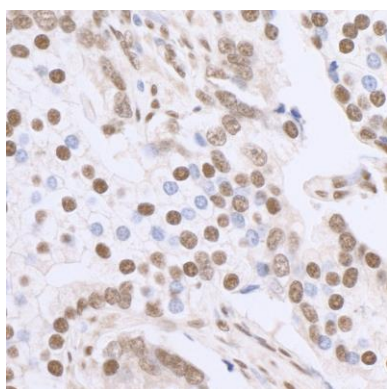
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 28, 2023



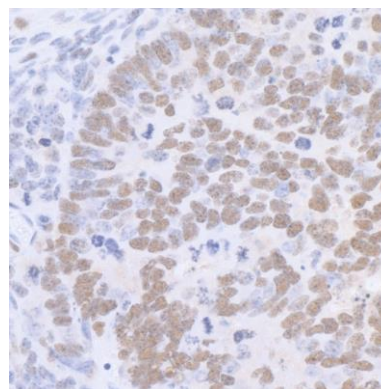
Detection of human SP1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, MCF-7, and CCRF-CEM cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SP1 antibody (A300-134A lot 6) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



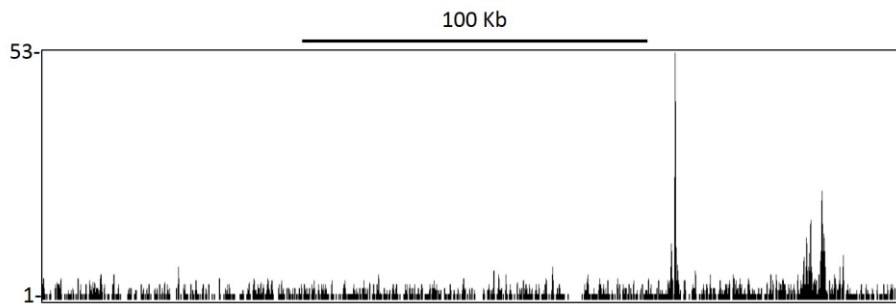
Detection of human SP1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-SP1 antibody (A300-134A lot 6) used for IP at 6 µg per reaction. SP1 was also immunoprecipitated by a previous lot of this antibody (A300-134A lot 5) and a second antibody against a different epitope of SP1 (A300-133A). For blotting immunoprecipitated SP1, A300-134A was used at 0.2 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human SP1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-SP1 (Cat. No. A300-134A Lot5) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB



Detection of mouse SP1 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-SP1 (Cat. No. A300-134A Lot5) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB



Localization of Sp1 Binding Sites by ChIP–sequencing. Chromatin from acute myeloid leukemia cell line was immunoprecipitated with anti–Sp1 antibody A300–134A and analyzed by DNA sequencing. The figure illustrates the peak distribution of Sp1 binding within a 250 Kb region of chromosome 6 as detected using anti–Sp1 A300–134A. ChIP–seq validation performed by Active Motif, Carlsbad, CA.