

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

SZABO-SCANDIC HandelsgmbH

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Sp1 Antibody

Rabbit Polyclonal

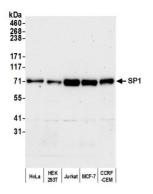
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Antigen Affinity Purified			RefSeq ID	XP_028606.4					
Catalog No.	A300-1	34A	Uniprot ID	P08047					
Lot No.	A300-1	34A-6	GenelD	6667					
APPLICATIONS		WB, IP, IHC, ChIP–Seq							
SPECIES REACTIVITY		Human, Mouse							
AMOUNT		100 µl							
CONCENTRATION		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		Antibody was affinity purified using the antigen immobilized on solid support.							
		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).							
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.							
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.							
		Western Blot	1:2,	,000 - 1:10,000					
		Immunoprecipita	ation 2 –	10 μg/mg lysate					
		Immunohistoche	•	,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is ommended for FFPE tissue sections.					
		ChIP–Seq	4 µ	g/30 µg chromatin					
IHC HUMAN CONTROLS Breast Carc		Breast Carcinoma	inoma, Ovarian Carcinoma						
IHC MOUSE CONTROLS		Renal Cell Carcinoma							
ADDITIONAL INFO		https://www.fortislife.com/p/A300-134A Use the link above to view SDS, a current list of citations, and other product specific information.							

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



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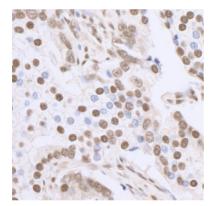
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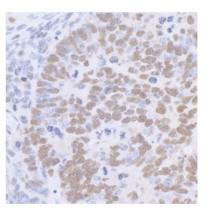
Detection of human SP1 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, MCF-7, and CCRF-CEM cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SP1 antibody (A300-134A lot 6) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with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

460- 268- 268- 171- 117- 71- 55- 41- 31- + · · · · A300-133A	Da		IP/V				
268 - 238 - 171 - 117 - 71 - 55 - 41 - 31 - <u>+ A300-133A</u> <u>+ - A300-133A</u> µ <u>+ - A300-133A</u> µ	460 -						
117- 71- 55- 41- 31- <u>+ · · · A300-133A</u> <u>· + · · A300-133A-5</u> µP							
55- 41- 31- <u>+ A300-133A</u> <u>+ A300-133A.5</u> IP	171-						
55- 41- 31- <u>+ A300-133A</u> <u>+ A300-133A.5</u> IP	117-						
41- 31- - + A300-133A - + A300-133A-5 µ - + + - A300-134A-5 µ	71-	-	-			← SP1	
31- + A300-133A - + A300-133A-5 IP - + A300-133A-5 IP	55-						
+ A300-133A - + A300-134A-5 IP + - A300-134A-6	41-				6.0		
+ - A300-134A-5 IP - + - A300-134A-6	31-	-			_		
+ - A300-134A-5 IP - + - A300-134A-6					-		
+ - A300-134A-6		+		ς.		A300-133A	É
			+	12	8.0	A300-134A-5	IP
+ Ctrl IgG		•		+		A300-134A-6	
		•	•	•	+	Ctrl IgG	

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 μ g 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 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

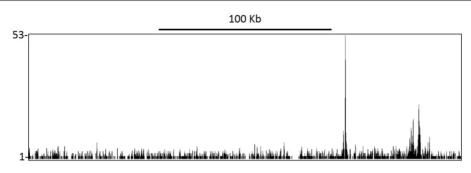


Detection of human SP1 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-SP1 (Cat. No. A300-134A Lot5) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB



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

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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.

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