



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# JARID1C Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_004178.2

Catalog No. A301-034A

GeneID 8242

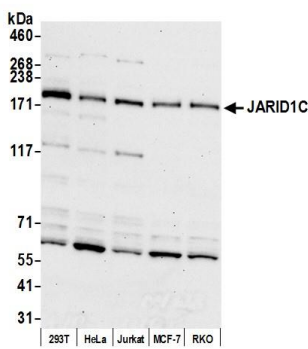
Lot No. A301-034A-3



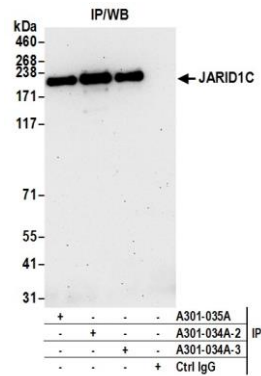
<b>APPLICATIONS</b>	WB, IP, ChIP-Seq						
<b>SPECIES REACTIVITY</b>	Human						
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Dog and Pig						
<b>AMOUNT</b>	100 µl						
<b>CONCENTRATION</b>	200 µg/ml						
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 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 JARID1C immobilized on solid support.</p> <p>The epitope recognized by A301-034A maps to a region between residue 275 and 325 of human Jumonji, AT rich interactive domain 1C using the numbering given in entry NP_004178.2 (GeneID 8242).</p> <p>Immunoglobulin 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>2 – 10 µg/mg lysate</td></tr><tr><td>ChIP-Seq</td><td>1 µg</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	ChIP-Seq	1 µg
Western Blot	1:2,000 – 1:10,000						
Immunoprecipitation	2 – 10 µg/mg lysate						
ChIP-Seq	1 µg						
<b>APPLICATION NOTES</b>	<p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>						
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A301-034A">https://www.bethyl.com/product/A301-034A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></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

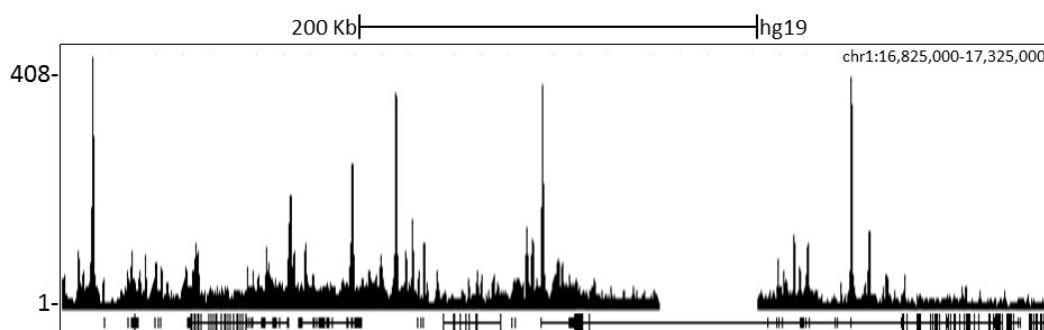
Date: September 4, 2019



**Detection of human JARID1C by western blot.** *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, MCF-7, and RKO cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-JARID1C antibody A301-034A (lot A301-034A-3) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human JARID1C 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-JARID1C antibody A301-034A (lot A301-034A-3) used for IP at 6 µg per reaction. JARID1C was also immunoprecipitated by a previous lot of this antibody (lot A301-034A-2) and rabbit anti-JARID1C antibody A301-035A. For blotting immunoprecipitated JARID1C, A301-034A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



**Localization of Jarid1C Binding Sites by ChIP-sequencing.** Chromatin from K562 cells was immunoprecipitated with anti-Jarid1C antibody A301-034A and analyzed by DNA sequencing. The figure illustrates the peak distribution of Jarid1C binding within a 500 Kb region of chromosome 1 as detected using anti-Jarid1C antibody A301-034A. ChIP-seq validation performed by Diogenode, Denville, NJ.