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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PCAF Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003875.3

Catalog No. A301-666A

GeneID 8850

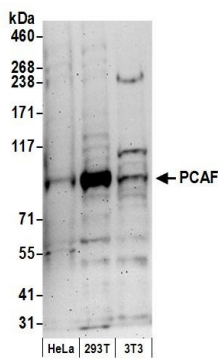
Lot No. A301-666A-2



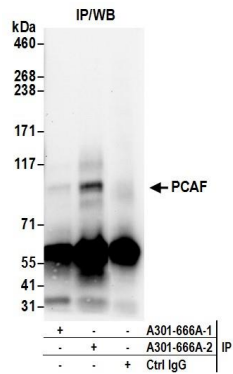
APPLICATIONS	WB, IP, ChIP-Seq						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PCAF immobilized on solid support. The epitope recognized by A301-666A maps to a region between residue 782 and 832 of human p300/CBP-associated factor using the numbering given in entry NP_003875.3 (GeneID 8850). 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. <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>2 µg</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	ChIP-Seq	2 µg
Western Blot	1:2,000 – 1:10,000						
Immunoprecipitation	2 – 10 µg/mg lysate						
ChIP-Seq	2 µg						
APPLICATION NOTES	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). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-666A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB						

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

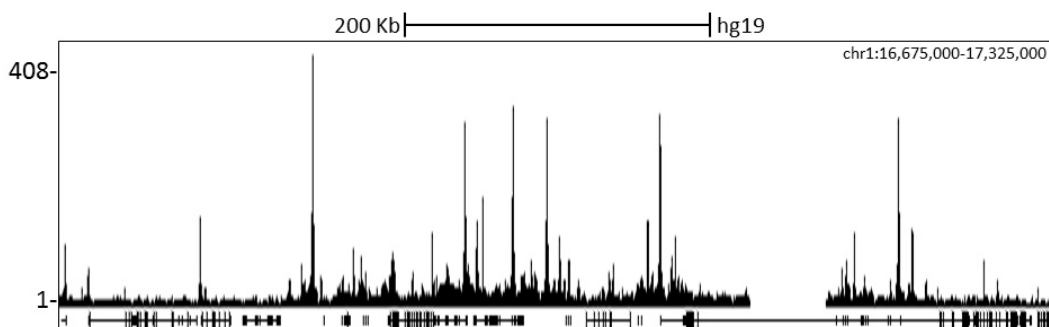
Date: June 21, 2019



Detection of human and mouse PCAF by western blot.
Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.
Antibody: Affinity purified rabbit anti-PCAF antibody A301-666A (lot A301-666A-2) used for WB at 0.1 µg/ml.
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human PCAF by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PCAF antibody A301-666A (lot A301-666A-2) used for IP at 6 µg per reaction. PCAF was also immunoprecipitated by a previous lot of this antibody (lot A301-666A-1). For blotting immunoprecipitated PCAF, A301-666A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Localization of PCAF Binding Sites by ChIP-sequencing. Chromatin from K562 cells was immunoprecipitated with anti-PCAF antibody A301-666A and analyzed by DNA sequencing. The figure illustrates the peak distribution of PCAF binding within a 650 Kb region of chromosome 1 as detected using anti-PCAF antibody A301-666A. ChIP-seq validation performed by Diogenode, Denville, NJ.