



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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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# Histone H3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_003520.1

Catalog No. A300-823A-T GeneID 8350

Lot No. A300-823A-T-3



<b>APPLICATIONS</b>	WB, IP, IHC, IHC-IF
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Rat, D. melanogaster, Zebrafish, X. laevis, X. tropicalis, Chicken, Bovine, Rabbit, Pig and Orangutan
<b>AMOUNT</b>	20 µl (2 blots)
<b>CONCENTRATION</b>	100 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>	Antibody was affinity purified using an epitope specific to Histone H3 immobilized on solid support.

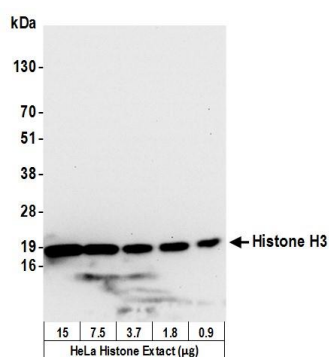
The epitope recognized by A300-823A-T maps to a region between residue 100 and the C-terminus (residue 135) of human Histone H3 using the numbering given in entry NP\_003520.1 (GeneID 8350).

<b>APPLICATIONS</b>	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	1:1000
Immunoprecipitation	The antibody contained within A300-823A-T has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A300-823A.
Immunohistochemistry	1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
Immunofluorescence (IHC)	1:50 - 1:250.

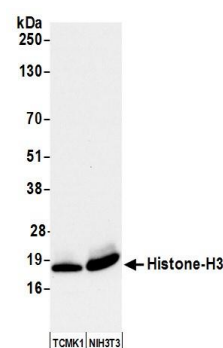
**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-12% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**ADDITIONAL INFO** Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE. <https://www.bethyl.com/product/A300-823A-T>  
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](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: December 4, 2019



**Detection of human Histone H3 by western blot.** *Samples:* Histones (15, 7.5, 3.7, 1.8, 0.9 µg) isolated from HeLa cells. *Antibody:* Affinity purified rabbit anti-Histone H3 antibody A300-823A-T (lot A300-823A-T-3) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of mouse Histone-H3 by western blot.** *Samples:* Whole cell lysate (10 µg) from TCMK-1 and NIH 3T3 cells prepared using RIPA lysis buffer. *Antibody:* Affinity purified rabbit anti-Histone-H3 antibody A300-823A-T (lot A300-823A-T-3) used for WB at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 seconds.