



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Histone H3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_003520.1
Catalog No. A300-822A-T	Uniprot ID	P68431
Lot No. A300-822A-T-2	GeneID	8350

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<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, D. melanogaster, Zebrafish, X. laevis, X. tropicalis, Chicken, Bovine, Rabbit, Pig and Orangutan
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 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-citrate/phosphate buffer, pH 7 to 8 containing 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 A300-822A-T maps to a region between residue 1 and 50 of human Histone H3 using the numbering given in entry NP\_003520.1 (GeneID 8350).

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 Not recommended. Use rabbit anti-Histone H3 antibody A300-823A.

Immunoprecipitation 2 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.fortislife.com/p/A300-822A-T>

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: October 20, 2022

**Detection of human Histone H3 by western blot of immunoprecipitates.** *Samples:* Histones (1.0 mg per IP reaction; 5% of IP loaded) isolated from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-Histone H3 antibody (A300-822A-2 lot 2) used for IP at 6  $\mu$ g per reaction. Histone H3 was also immunoprecipitated by a second antibody against a different epitope of Histone H3 (A300-823A). For blotting immunoprecipitated Histone H3, A300-822A was used at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.