



# SZABO SCANDIC

Part of Europa Biosite

## 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# H2AX Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_002096.1
Catalog No. A300-083A-T	Uniprot ID	P16104
Lot No. A300-083A-T-6	GeneID	3014

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<b>APPLICATIONS</b>	WB, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<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 H2AX immobilized on solid support.

The epitope recognized by A300-083A-T maps to the C-terminus of human histone H2AX using the numbering given for Swiss-Prot entry P16104 (GeneID 3014).

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

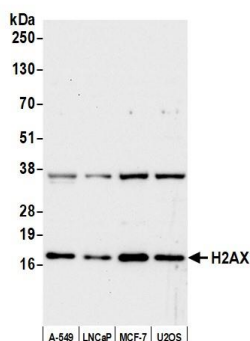
Immunohistochemistry 1:40 to 1:200. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**IHC HUMAN CONTROLS** Breast Carcinoma, Ovarian Carcinoma, Testicular Seminoma

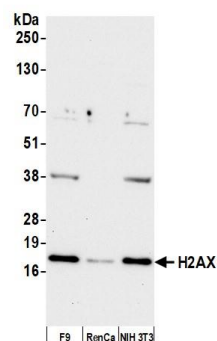
**ADDITIONAL INFO** <https://www.fortislife.com/p/A300-083A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

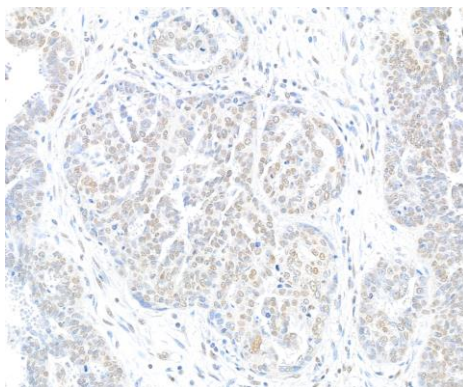
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: March 2, 2023



**Detection of human H2AX by western blot.** *Samples:* Whole cell lysate (10  $\mu$ g) from A-549, LNCaP, MCF-7, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-H2AX antibody (A300-083A lot 6) used for WB at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of mouse H2AX by western blot.** *Samples:* Whole cell lysate (10  $\mu$ g) from F9, RenCa, and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-H2AX antibody (A300-083A lot 6) used for WB at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of human H2AX by immunohistochemistry.**

*Sample:* FFPE section of human ovarian carcinoma.  
*Antibody:* Affinity purified rabbit anti-H2AX (Cat. No. A300-083A Lot 6) used at a dilution of 1:5,000 (0.2  $\mu$ g/ml).  
*Detection:* DAB