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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

FOXO3a Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID O43524

Catalog No. A300-453A-T GeneID 2309

Lot No. A300-453A-T-2

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 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 FOXO3a immobilized on solid support.

The epitope recognized by A300-453A-T maps to a region between residues 250 and 300 of human Forkhead Box O3a using the numbering given in Swiss-Prot entry O43524 (GeneID 2309).

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 1:1,000 – 1:5,000

Immunoprecipitation 2 – 5 µg/mg lysate

Immunohistochemistry 1:200 – 1:1,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO <https://www.bethyl.com/product/A300-453A-T>

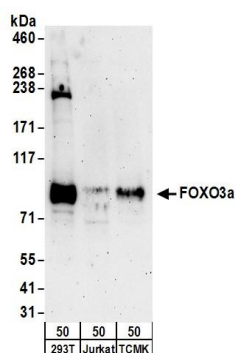
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

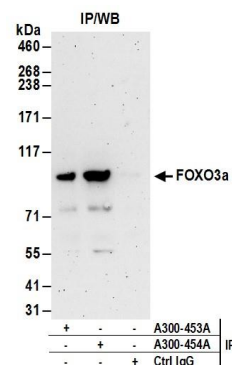
Michael Spencer, PhD

Date: June 6, 2022



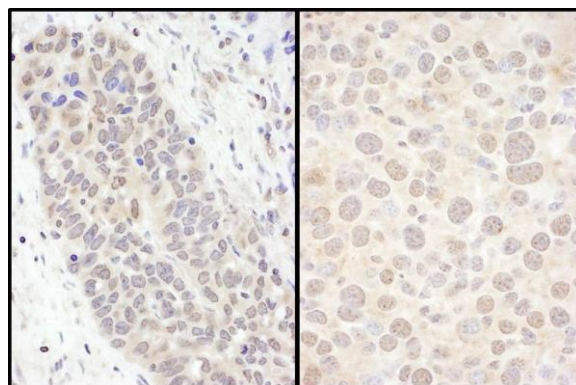
Detection of human and mouse FOXO3a by western blot.

Samples: Whole cell lysate (50 µg) from HEK293T, Jurkat, and mouse TCMK-1 cells. **Antibodies:** Affinity purified rabbit anti-FOXO3a antibody A300-453A (lot A300-453A-2) used for WB at 0.4 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.



Detection of human FOXO3a by western blot of immunoprecipitates.

Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from MCF-7 cells. **Antibodies:** Affinity purified rabbit anti-FOXO3a antibody A300-453A (lot A300-453A-2) used for IP at 6 µg/mg lysate. FOXO3a was also immunoprecipitated by rabbit anti-FOXO3a antibody A300-454A. For blotting immunoprecipitated FOXO3a, A300-453A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.



Detection of human and mouse FOXO3a by immunohistochemistry.

Sample: FFPE sections of human ovarian carcinoma (left) and mouse renal cell carcinoma (right). **Antibody:** Affinity purified rabbit anti-FOXO3a (Cat. No. A300-453A Lot2) used at a dilution of 1:500 (2 µg/ml). **Detection:** DAB