



# 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

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# FOXO3a Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O43524

Catalog No. A300-453A

GeneID 2309

Lot No. A300-453A-2



<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 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 FOXO3a immobilized on solid support.

The epitope recognized by A300-453A 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).

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 1:1,000 - 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.

**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.

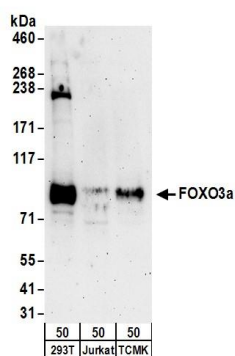
**IHC HUMAN CONTROLS** Ovarian Carcinoma, Prostate Carcinoma

**IHC MOUSE CONTROLS** Renal Cell Carcinoma

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

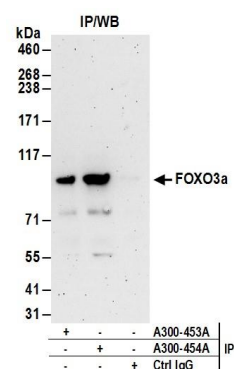
Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

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: June 21, 2019



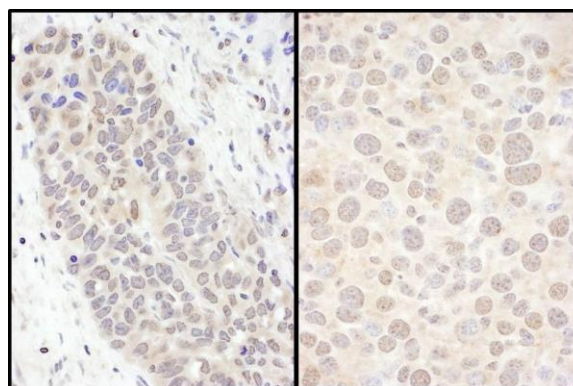
#### Detection of human and mouse FOXO3a by western blot.

*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