

## 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

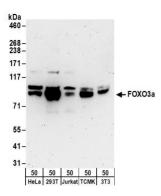
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## FOXO3a Antibody

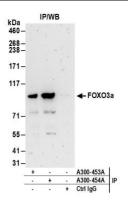
Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	043524	↓ · 2 · 4	
Catalog No. A300–454A		_	GenelD	2309	RETHYL	
Lot No.	A300-4	454A-2			LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		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.				
APPLICATIONS		The epitope recognized by A300-454A maps to a region between residue 625 and the C- terminus (residue 673) 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.				
		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		
		Immunoprecipita	tion 2 -	5 µg/mg lysate		
		Immunohistochei	, -	00 – 1:2,000. Epitope retrieval with Tr ommended for FFPE tissue sections.	is-EDTA pH 9.0 is	
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).				
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Prostate Carcinoma				
IHC MOUSE CONTROLS Color		Colon Carcinoma	olon Carcinoma CT26, Renal Cell Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-454A 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. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

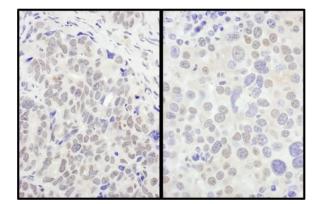
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**Detection of human and mouse FOXO3a by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-FOXO3a antibody A300-454A (lot A300-454A-2) used for WB at 0.1 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 A300-454A (lot A300-454A-2) used for IP at 6  $\mu$ g/mg lysate. FOXO3a was also immunoprecipitated by rabbit anti-FOXO3a antibody A300-453A. For blotting immunoprecipitated FOXO3a, A300-454A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human and mouse FOXO3a by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma (left) and mouse renal cell carcinoma (right). *Antibody:* Affinity purified rabbit anti-FOXO3a (Cat. No. A300-454A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB

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