

# Product Datasheet

## FOXO3 Antibody - BSA Free

### NB100-613

Unit Size: 100 ul

Store at 4C. Do not freeze.

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#### Publications: 1

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**NB100-613**

FOXO3 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

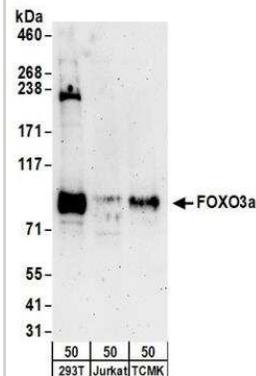
Product Description	
Description	Novus Biologicals Rabbit FOXO3 Antibody - BSA Free (NB100-613) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-FOXO3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2309
Gene Symbol	FOXO3
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody 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).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunohistochemistry 1:200 - 1:1000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:500-1:2000
Application Notes	Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

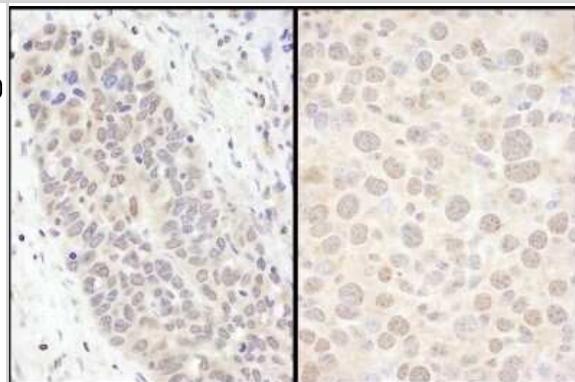


## Images

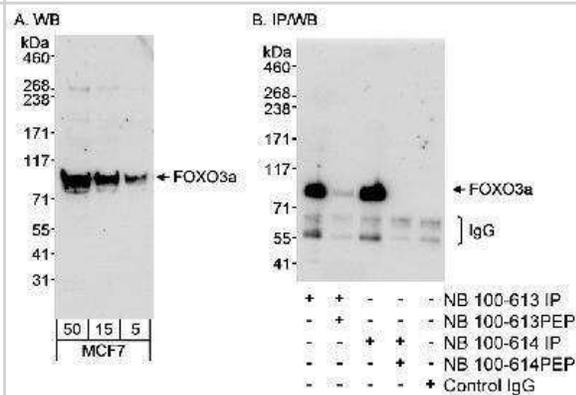
**Western Blot: FOXO3 Antibody [NB100-613] - Detection of Human and Mouse FOXO3a by Western Blot.** Samples: Whole cell lysate (50 ug) from 293T, Jurkat, and mouse TCMK-1 cells. Antibodies: Affinity purified rabbit anti-FOXO3a antibody NB100-613 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



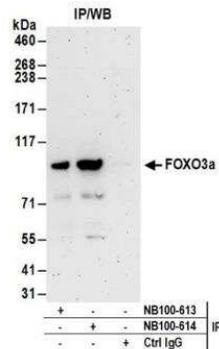
**Immunohistochemistry: FOXO3 Antibody [NB100-613] - Sample: FFPE sections of human ovarian carcinoma (left) and mouse renal cell carcinoma (right).** Antibody: Affinity purified rabbit anti-fs18 FOXO3a fs20 used at a dilution of 1:500 (2ug/ml). Detection: DAB



**Western Blot: FOXO3 Antibody [NB100-613] - Detection of Human FOXO3a on HeLa whole cell lysate using NB100-613.** FOXO3a was also immunoprecipitated using NB100-614.



**Immunoprecipitation: FOXO3 Antibody [NB100-613] - 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 NB100-613 used for IP at 6 ug/mg lysate. FOXO3a was also immunoprecipitated by rabbit anti-FOXO3a antibody NB100-614. For blotting immunoprecipitated FOXO3a, NB100-613 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Publications

Yuan J, Luo K, Liu T et al. Regulation of SIRT1 activity by genotoxic stress. *Genes Dev* 2012-04-01 [PMID: 22465953]



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### **Products Related to NB100-613**

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NBL1-10814	FOXO3 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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