

# Product Datasheet

## FoxO1/FKHR [p Ser256] Antibody - BSA Free NB100-81927

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 9

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**NB100-81927**

FoxO1/FKHR [p Ser256] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol
Target Molecular Weight	82 kDa

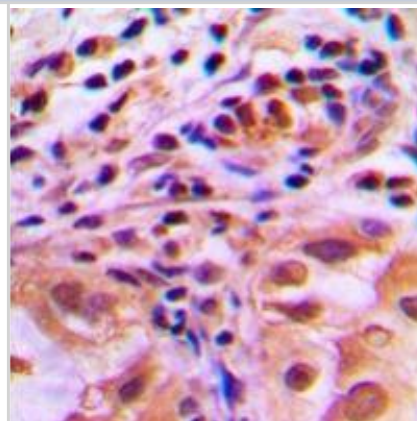
Product Description	
Description	Novus Biologicals Rabbit FoxO1/FKHR [p Ser256] Antibody - BSA Free (NB100-81927) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-FoxO1/FKHR Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2308
Gene Symbol	FOXO1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of FoxO1/FKHR only when phosphorylated at serine 256.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FoxO1/FKHR around the phosphorylation site of serine 256.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:100-1:200, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1:10-1:100, Immunohistochemistry-Paraffin

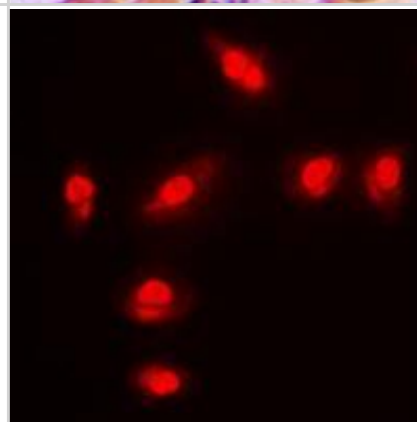


## Images

Immunohistochemistry-Paraffin: FoxO1/FKHR [p Ser256] Antibody [NB100-81927] - Immunohistochemical staining in human lung cancer formalin fixed paraffin-embedded tissue section.



Immunocytochemistry/ Immunofluorescence: FoxO1/FKHR [p Ser256] Antibody [NB100-81927] - Immunofluorescent staining in MCF7 cells.



## Publications

KE Ying, W Feng, WZ Ying, X Li, D Xing, Y Sun, Y Chen, PW Sanders Dietary salt initiates redox signaling between endothelium and vascular smooth muscle through NADPH oxidase 4 Redox Biology, 2022-03-24;52(0):102296. 2022-03-24 [PMID: 35378363] (Western Blot, Human)

Milanovi?, M;Beki?, M;?oki?, J;Vu?evi?, D;?oli?, M;Tomi?, S; Exogenous ?-ketoglutarate Modulates Redox Metabolism and Functions of Human Dendritic Cells, Altering Their Capacity to Polarise T Cell Response International journal of biological sciences 2024-01-20 [PMID: 38322117]

Liu N, Li R, Cao J et al. The inhibition of FKBP5 protects ?-cell survival under inflammation stress via AKT/FOXO1 signaling Cell death discovery 2023-07-14 [PMID: 37452039] (WB, Mouse)

Yang KJ, Choi WJ, Chang YK et al. Inhibition of Xanthine Oxidase Protects against Diabetic Kidney Disease through the Amelioration of Oxidative Stress via VEGF/VEGFR Axis and NOX-FoxO3a-eNOS Signaling Pathway International journal of molecular sciences 2023-02-14 [PMID: 36835220] (WB, Mouse)

Liu N, Li R, Cao J et al. The inhibition of FKBP5 protects ? cell survival under inflammation stress via AKT/FOXO1 signaling. Research Square 2023-02-07 (ICC/IF, WB, Human)

Liu Z, Du J, Ren J et al. miR-183-96-182 clusters alleviated ox-LDL-induced vascular endothelial cell apoptosis in vitro by targeting FOXO1 RSC Adv 2022-05-13 [PMID: 35547044]

Miyake M, Hori S, Itami Y et al. Supplementary Oral Anamorelin Mitigates Anorexia and Skeletal Muscle Atrophy Induced by Gemcitabine Plus Cisplatin Systemic Chemotherapy in a Mouse Model Cancers (Basel) 2020-07-17 [PMID: 32709007] (WB, Mouse)

Presby DM, Checkley LA, Jackman MR et al. Regular exercise potentiates energetically expensive hepatic de novo lipogenesis during early weight regain Am. J. Physiol. Regul. Integr. Comp. Physiol. 2019-09-25 [PMID: 31553623] (WB, Rat)

Haapalainen AM, Karjalainen MK, Daddali R et al. Expression of CPPED1 in human trophoblasts is associated with timing of term birth. J. Cell. Mol. Med. 2017-11-29 [PMID: 29193784] (WB, Human)



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### **Products Related to NB100-81927**

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NBL1-10813	FoxO1/FKHR Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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