

Product Datasheet

FOXO3 [p Ser253] Antibody

NB100-81929

Unit Size: 0.05 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB100-81929

FOXO3 [p Ser253] Antibody

| Product Information | |
|-------------------------|--|
| Unit Size | 0.05 ml |
| Concentration | 1.0 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS, 50% glycerol, 0.5% BSA |
| Target Molecular Weight | 90 kDa |

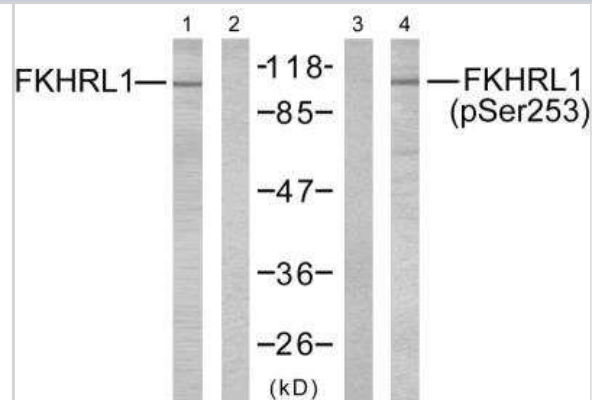
| Product Description | |
|-------------------------|--|
| Host | Rabbit |
| Gene ID | 2309 |
| Gene Symbol | FOXO3 |
| Species | Human, Mouse, Rat |
| Specificity/Sensitivity | Detects endogenous levels of FOXO3 only when phosphorylated at serine 253. |
| Immunogen | The antiserum was produced against synthesized phosphopeptide derived from human FOXO3 around the phosphorylation site of serine 253 (A-V-SP-M-D). |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:50-1:100 |

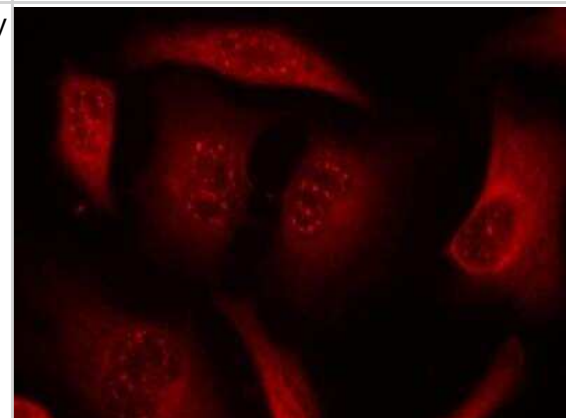


Images

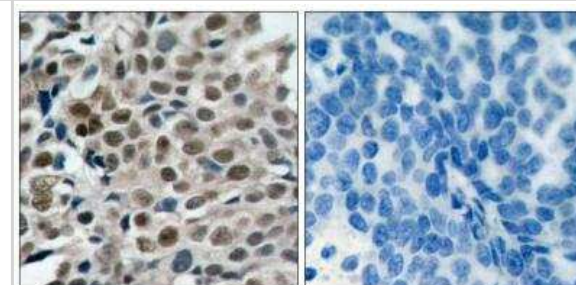
Western Blot: FOXO3 [p Ser253] Antibody [NB100-81929] - Analysis of extracts from NIH/3T3 cells using FKHRL1 (Ab-253) antibody (Lane 1 and 2) and FKHRL1 (phospho-Ser253) antibody (Lane 3 and 4).



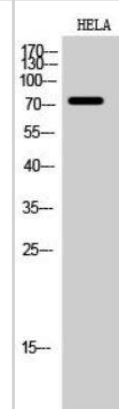
Immunocytochemistry/Immunofluorescence: FOXO3 [p Ser253] Antibody [NB100-81929] - Staining of methanol-fixed HeLa cells using FKHRL1 (phospho-Ser253) antibody.



Immunohistochemistry-Paraffin: FOXO3 [p Ser253] Antibody [NB100-81929] - Analysis of paraffin-embedded human breast carcinoma tissue using FKHRL1 (phospho-Ser253) antibody.



Western Blot: FOXO3 [p Ser253] Antibody [NB100-81929] - Western Blot analysis of HeLa cells using NB100-81929 diluted at 1:2000



Publications

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)



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Products Related to NB100-81929

| | |
|------------|---|
| 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 |

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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