

Product Datasheet

HNF-3 alpha/FoxA1 Antibody (3B3NB) - BSA Free NBP2-45354

Unit Size: 0.1 mg

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

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Publications: 2

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NBP2-45354

HNF-3 alpha/FoxA1 Antibody (3B3NB) - BSA Free

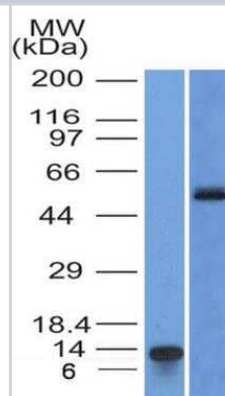
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B3NB
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse HNF-3 alpha/FoxA1 Antibody (3B3NB) - BSA Free (NBP2-45354) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-HNF-3 alpha/FoxA1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3169
Gene Symbol	FOXA1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (78%) and Xenopus (73%).
Immunogen	Partial recombinant human FOXA1 protein (between amino acids 350-473) [UniProt# P55317].

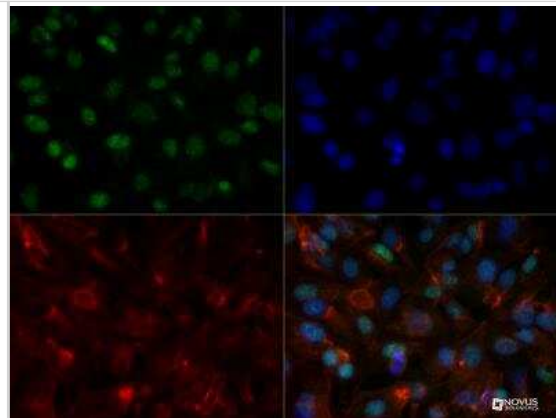
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 2-4 ug/ml, Flow Cytometry 25 ug/ml, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 1:25 - 1:50, Immunohistochemistry-Paraffin 5 ug/ml

Images

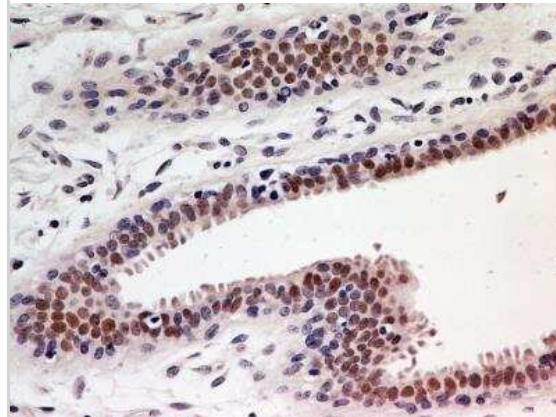
Western Blot: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis of FOXA1 (3B3NB) in partial recombinant FOXA1 protein and PC3 lysate, respectively.



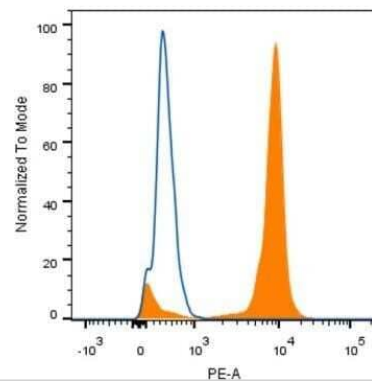
Immunocytochemistry/Immunofluorescence: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - FOXA1 (3B3NB) antibody was tested in HepG2 cells at a 1:25 dilution against DyLight 488 (Green) using a 40X objective. Actin and nuclei were counterstained against Phalloidin 568 (Red) and DAPI (Blue), respective



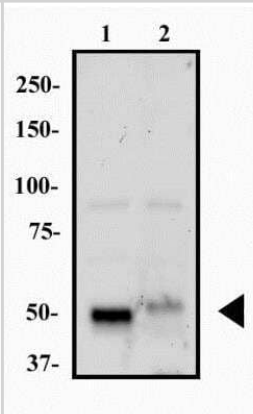
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis of FoxA1 in human prostate.



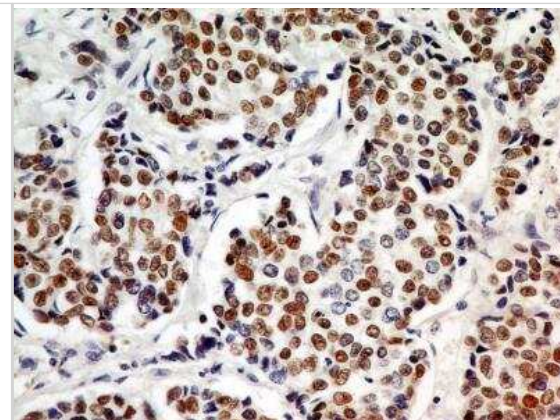
Flow Cytometry: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis using the Azide Free version of NBP2-45354. Staining of LnCAP cells (1×10^6 cells/ml) with FOXA1 antibody, clone 3B11NB (orange), shown with the negative control (blue).



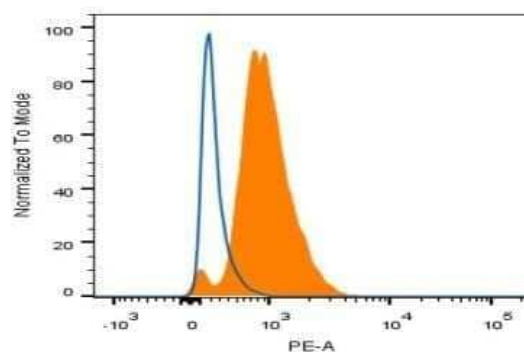
Western Blot: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - (1) Whole cell protein from PC3 and (2) MCF7 was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 4 ug/ml anti-hFOXA1 (3B3NB) in 1% milk and detected with an anti-mouse HRP secondary antibody using chemiluminescence.



Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis of FoxA1 in human breast adenocarcinoma.



Flow Cytometry: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis using the Azide Free version of NBP2-45354. Staining of HepG2 cells (1×10^6 cells/ml) with FOXA1 antibody, clone 3B11NB (orange), shown with the negative control (blue).



Publications

Won SJ, Zhang Y, Reinhardt CJ et al. Redirecting the pioneering function of FOXA1 with covalent small molecules Mol Cell 2024-10-09 [PMID: 39413792]

Adams EJ, Karthaus WR, Hoover E et al. FOXA1 mutations alter pioneering activity, differentiation and prostate cancer phenotypes Nature 2019-07-01 [PMID: 31243370]



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Products Related to NBP2-45354

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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