

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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NBP2-45354

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

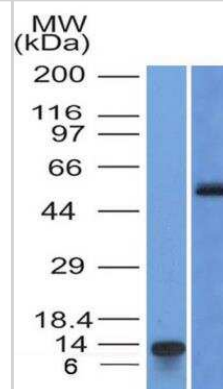
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B3NB
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
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].

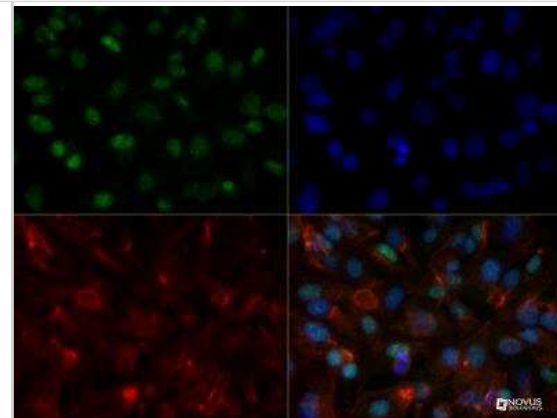
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2-4 ug/ml, Flow Cytometry 25 ug/ml, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence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

Images

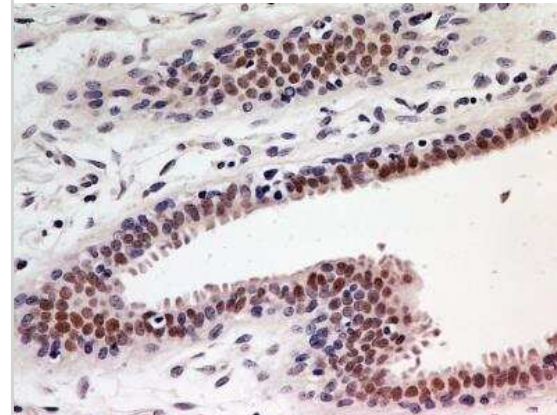
Western Blot: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis of FOXA1 (3B3NB) in partial recombinant FOXA1 protein and PC3 lysate, respectively.



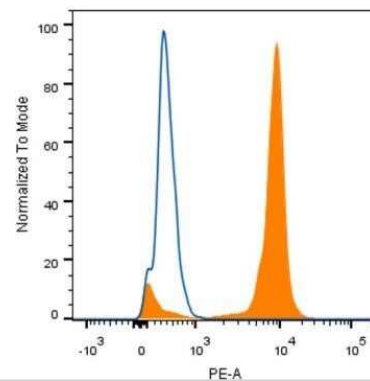
Immunocytochemistry/Immunofluorescence: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - FOXA1 (3B3NB) antibody was tested in HepG2 cells at a 1:25 dilution against DyLight 488 (Green) using a 40X objective. Actin and nuclei were counterstained against Phalloidin 568 (Red) and DAPI (Blue), respective



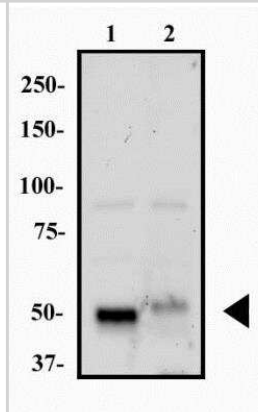
Immunohistochemistry-Paraffin: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis of FoxA1 in human prostate.



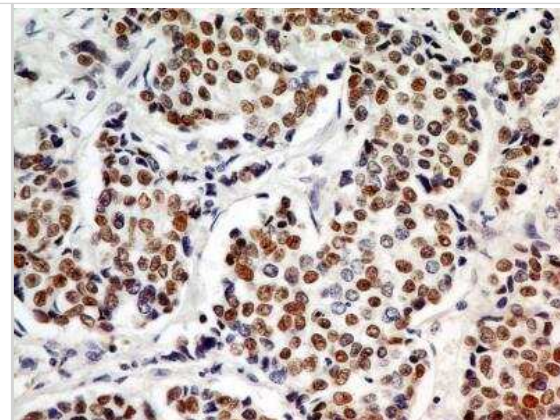
Flow Cytometry: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - Analysis using the Azide Free version of NBP2-45354. Staining of LnCAP cells (1×10^6 cells/ml) with FOXA1 antibody, clone 3B11NB (orange), shown with the negative control (blue).



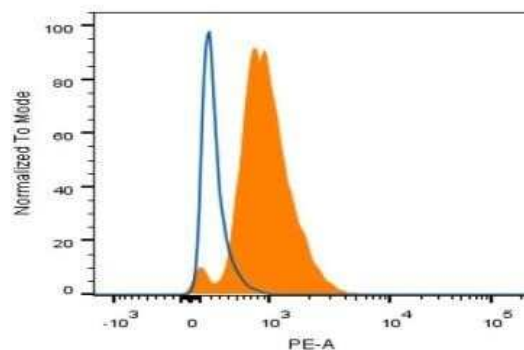
Western Blot: HNF-3 alpha/FoxA1 Antibody (3B3NB) [NBP2-45354] - (1) Whole cell protein from PC3 and (2) MCF7 was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 4 ug/ml anti-hFOXA1 (3B3NB) in 1% milk and detected with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

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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-45354APC	HNF-3 alpha/FoxA1 Antibody (3B3NB) [Allophycocyanin]

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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