

Product Datasheet

HNF-3 beta/FoxA2 Antibody (1C7) - Azide and BSA Free H00003170-M10

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003170-M10

HNF-3 beta/FoxA2 Antibody (1C7) - Azide and BSA Free

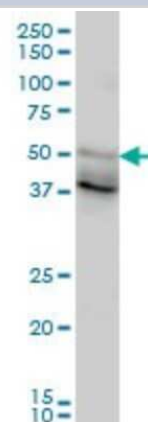
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3170
Gene Symbol	FOXA2
Species	Human
Specificity/Sensitivity	FOXA2 - forkhead box A2
Immunogen	FOXA2 (NP_068556, 363 a.a. ~ 457 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. HLKPEHHYAFNHPFSINNLMSSEQQHHHSHHHHQPHKMDLKAYEQVMHYPGY GSPMPGSLAMGPVTNKTGLDASPLAADTSYYQGVSYPIMNSS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

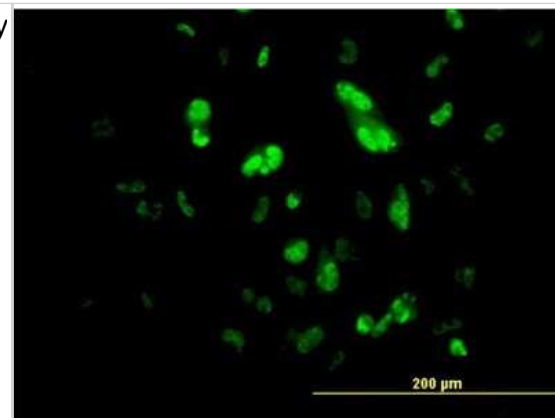
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

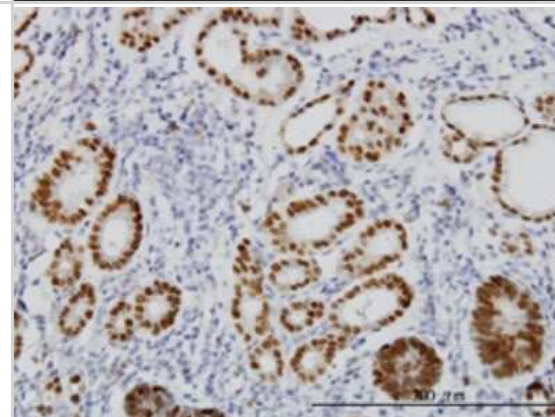
Western Blot: HNF-3 beta/FoxA2 Antibody (1C7) [H00003170-M10] - Analysis of FOXA2 expression in HepG2 (Cat # L019V1).



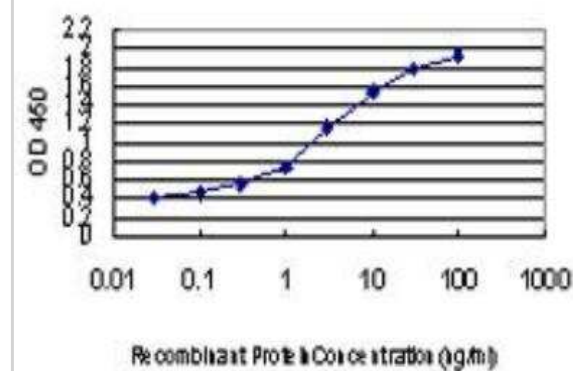
Immunocytochemistry/Immunofluorescence: HNF-3 beta/FoxA2 Antibody (1C7) [H00003170-M10] - Analysis of monoclonal antibody to FOXA2 on HepG2 cell. Antibody concentration 10 ug/ml



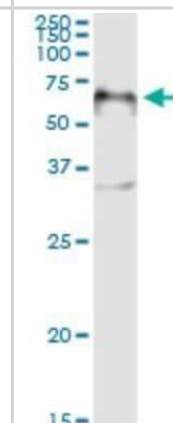
Immunohistochemistry-Paraffin: HNF-3 beta/FoxA2 Antibody (1C7) [H00003170-M10] - Analysis of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 1 ug/ml



ELISA: HNF-3 beta/FoxA2 Antibody (1C7) [H00003170-M10] - Detection limit for recombinant GST tagged FOXA2 is approximately 0.03ng/ml as a capture antibody.



Immunoprecipitation: HNF-3 beta/FoxA2 Antibody (1C7) [H00003170-M10] - Analysis of FOXA2 transfected lysate using anti-FOXA2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FOXA2 rabbit polyclonal antibody.



Publications

Yu Y, Alonzo M, Ye S et al. Generation of an induced pluripotent stem cell line (NChi010-A) from a 6-year-old female with Down syndrome and without congenital heart disease Stem Cell Research 2023-09-01 [PMID: 37392705] (Immunocytochemistry/ Immunofluorescence)

M Alonzo, J Contreras, S Ye, H Lin, L Hernandez-, KL McBride, K Texter, V Garg, MT Zhao Characterization of an iPSC line NChi006-A from a patient with hypoplastic left heart syndrome (HLHS) Stem Cell Research, 2022-08-09;64(0):102892. 2022-08-09 [PMID: 35987121]

J Contreras, M Alonzo, S Ye, H Lin, L Hernandez-, KL McBride, K Texter, V Garg, MT Zhao Generation of an induced pluripotent stem cell line NChi003-A from a 11-year-old male with pulmonary atresia with intact ventricular septum (PA-IVS) Stem Cell Research, 2022-08-10;64(0):102893. 2022-08-10 [PMID: 35987120]

J Kim, J Jeon, B Song, N Lee, S Ko, Y Cha, P Leblanc, H Seo, KS Kim Spotting-based differentiation of functional dopaminergic progenitors from human pluripotent stem cells Nature Protocols, 2022-02-09;0(0):. 2022-02-09 [PMID: 35140411]

S Adhicary, S Ye, H Lin, K Texter, V Garg, MT Zhao Establishment of NChi009-A, an iPSC line from a patient with hypoplastic left heart syndrome (HLHS) carrying a heterozygous NOTCH1 mutation Stem Cell Research, 2022-12-31;66(0):103013. 2022-12-31 [PMID: 36599283]





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Products Related to H00003170-M10

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-57623PEP	HNF-3 beta/FoxA2 Recombinant Protein Antigen

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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