

Product Datasheet

HNF-3 beta/FoxA2 Antibody

NB100-1263

Unit Size: 0.1 mg

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

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NB100-1263**HNF-3 beta/FoxA2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3170
Gene Symbol	FOXA2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms.
Immunogen	Peptide with sequence C-GVYSRPIMNSS corresponding to C-Terminus according to NP_710141.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunohistochemistry 4 - 8 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx. 60 kDa band observed in Human Liver and Rat Lung lysates (calculated MW of 48.3kDa according to Human NP_710141.1 and 48.5kDa according to Rat NP_036875.1). IHC-P: Human prostate shows nuclear staining in the secretory cells of the gland.



Images

Western Blot: HNF-3 beta/FoxA2 Antibody [NB100-1263] - (1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: HNF-3 beta/FoxA2 Antibody [NB100-1263] - (3.8ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: HNF-3 beta/FoxA2 Antibody [NB100-1263] - (1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa

Western Blot: HNF-3 beta/FoxA2 Antibody [NB100-1263] - (1ug/ml) staining of Rat Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Nakamura K, Moore R, Negishi M, Sueyoshi T. Nuclear pregnane X receptor cross-talk with FoxA2 to mediate drug-induced regulation of lipid metabolism in fasting mouse liver. *J Biol Chem*. 2007-03-30 [PMID: 17267396]

Wang H, Gauthier BR, Hagenfeldt-Johansson KA et al. Foxa2 (HNF3beta) controls multiple genes implicated in metabolism-secretion coupling of glucose-induced insulin release. *J Biol Chem* 2002-05-01 [PMID: 11875061]





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Products Related to NB100-1263

NBL1-10799	HNF-3 beta/FoxA2 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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