

Product Datasheet

Hepatocyte Specific Antigen Antibody (HepPar1) NBP2-45272-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-45272-0.1mg

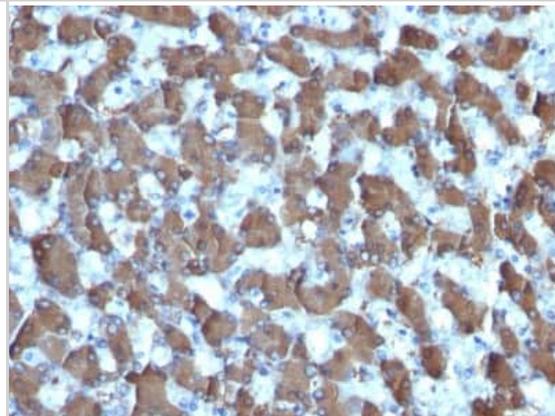
Hepatocyte Specific Antigen Antibody (HepPar1)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HepPar1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08970) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Species	Human, Mouse, Canine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27542264).
Marker	Hepatocellular Marker
Immunogen	Extract of a formalin-fixed, rejected-allograft of a human liver
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.25-0.5 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 7.5-8.5, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. Use in Western Blot reported in scientific literature (PMID:31998631) .



Images

Immunohistochemistry-Paraffin: Hepatocyte Specific Antigen Antibody (HepPar1) [NBP2-45272] - Formalin-fixed, paraffin-embedded human Liver stained with Hepatocyte Specific Antigen Antibody (HepPar1).



Immunohistochemistry-Paraffin: Hepatocyte Specific Antigen Antibody (HepPar1) [NBP2-45272] - Human Hepatocellular Carcinoma stained with HepPar-1 Monoclonal Antibody (HepPar1).



Publications

Yanjing Zhu, Shijie Tang, Qiuyue Yuan, Jing Fu, Juan He, Zhuang Liu, Xiaofang Zhao, Yunguang Li, Yan Zhao, Yani Zhang, Xiaoyu Zhang, Yangqianwen Zhang, Yiqin Zhu, Wenwen Wang, Bo Zheng, Rui Wu, Tong Wu, Shuai Yang, Xinyao Qiu, Siyun Shen, Ji Hu, Luonan Chen, Yong Wang, Hongyang Wang, Dong Gao, Lei Chen Integrated characterization of hepatobiliary tumor organoids provides a potential landscape of pharmacogenomic interactions. *Cell reports. Medicine* 2024-02-23 [PMID: 38278146]

Rebecca Marcus, Sammy Ferri-Borgogno, Abdel Hosein, Wai Chin Foo, Bidyut Ghosh, Jun Zhao, Kimal Rajapakshe, James Brugarolas, Anirban Maitra, Sonal Gupta, Arndt Vogel Oncogenic KRAS Requires Complete Loss of BAP1 Function for Development of Murine Intrahepatic Cholangiocarcinoma Cancers 2021-11-15 [PMID: 34830866]

Ahmadi AR, Song G, Gao T et al. Discovery and characterization of cross-reactive intrahepatic antibodies in severe alcoholic hepatitis bioRxiv : the preprint server for biology 2023-02-23 [PMID: 36865259] (MI, Human)

Details:

Used in multiplex immunofluorescence staining

Imamura, Y;Hiyama, A;Miyazaki, H;Yamanaka, T;Nukina, N; Amyloids facilitate DNA transfection in vivo Neuroscience research [PMID: 35283247] (IF/IHC, Mouse)

Xu M, Zhou F, Ahmed O Et al. Dual Lactate Clearance in the Viability Assessment of Livers Donated After Circulatory Death With Ex Situ Normothermic Machine Perfusion Transplantation direct 2021-12-01 [PMID: 34805491] (ICC/IF, Human)

Zhao Y, Li ZX, Zhu YJ et al. Single-Cell Transcriptome Analysis Uncovers Intratumoral Heterogeneity and Underlying Mechanisms for Drug Resistance in Hepatobiliary Tumor Organoids *Science Advances* 2021-06-08 [PMID: 34105295] (IF/IHC, Human)

Qiu M, Glass Z, Chen J et al. Lipid nanoparticle-mediated codelivery of Cas9 mRNA and single-guide RNA achieves liver-specific in vivo genome editing of Angptl3 *Proceedings of the National Academy of Sciences of the United States of America* 2021-03-09 [PMID: 33649229]

Cai S, Bi Z, Bai Y et al. Glycyrrhizic Acid-Induced Differentiation Repressed Stemness in Hepatocellular Carcinoma by Targeting c-Jun N-Terminal Kinase 1 *Front Oncol* 2019-01-09 [PMID: 31998631] (WB, IHC-P, Mouse, Human)

Zhang R, Guo H, Xu J et al. Activated platelets inhibit hepatocellular carcinoma cell differentiation and promote tumor progression via platelet-tumor cell binding. *Oncotarget*. 2016-09-13 [PMID: 27542264] (IF/IHC, Mouse)





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Products Related to NBP2-45272-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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