

Product Datasheet

FATP5/SLC27A5 Antibody (9C4D1) - BSA Free NBP2-37412

Unit Size: 0.1 ml

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

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NBP2-37412

FATP5/SLC27A5 Antibody (9C4D1) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9C4D1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	75.4 kDa

Product Description

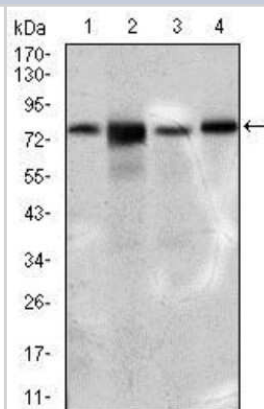
Host	Mouse
Gene ID	10998
Gene Symbol	SLC27A5
Species	Human, Mouse
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Purified recombinant fragment of human FATP5/SLC27A5 (AA: 508-570) expressed in E. Coli.

Product Application Details

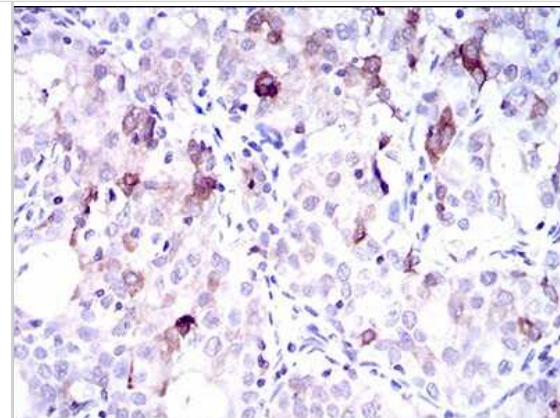
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

Images

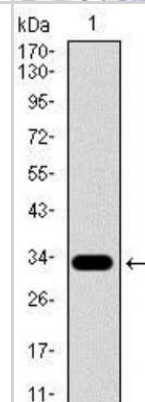
Western Blot: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Analysis using SLC27A5 mouse mAb against 3T3L1 (1), HepG2 (2), NIH3T3 (3), and PC-3 (4) cell lysate.



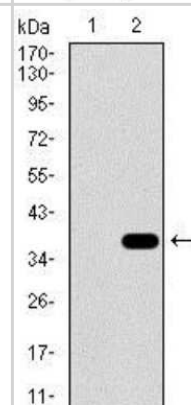
Immunohistochemistry-Paraffin: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Analysis of cervical cancer tissues using SLC27A5 mouse mAb with DAB staining.



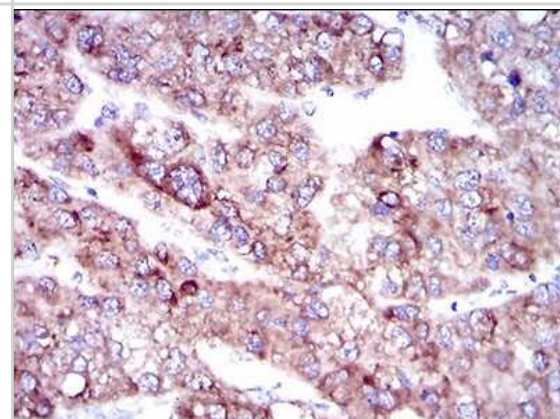
Western Blot: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Analysis using SLC27A5 mAb against human SLC27A5 recombinant protein. (Expected MW is 32.9 kDa)



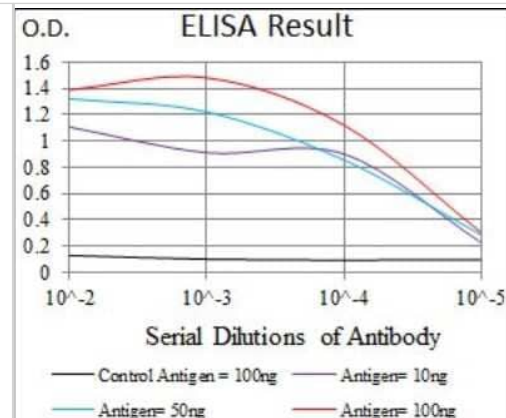
Western Blot: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Analysis using SLC27A5 mAb against HEK293 (1) and SLC27A5 (AA: 508-570)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Analysis of liver cancer tissues using SLC27A5 mouse mAb with DAB staining.



ELISA: FATP5/SLC27A5 Antibody (9C4D1) [NBP2-37412] - Red:
Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng);
Blue: Antigen (100ng);



Publications

Wu K, Liu Y, Xia J et al. Loss of SLC27A5 Activates Hepatic Stellate Cells and Promotes Liver Fibrosis via Unconjugated Cholic Acid Advanced science (Weinheim, Baden-Wurttemberg, Germany) 2023-11-13 [PMID: 37957540] (WB, IHC-P, Mouse)

Details:

1:1000 dilution WB, 1:500 dilution IHC-P

Li H, Seessle J, Staffer S et al. FATP4 deletion in liver cells induces elevation of extracellular lipids via metabolic channeling towards triglycerides and lipolysis Biochemical and Biophysical Research Communications 2023-10-01 [PMID: 37931418] (WB, Mouse)

Chen Y, Yang S, Liu L et al. A novel therapy for hepatic cholestasis treatment-the combination of rosiglitazone and fenofibrate European journal of pharmacology 2022-11-24 [PMID: 36436592] (WB, Mouse)

Yao H, Gong J, Peterson AL et al. Fatty Acid Oxidation Protects Against Hyperoxia-Induced Endothelial Cell Apoptosis and Lung Injury in Neonatal Mice Am. J. Respir. Cell Mol. Biol. 2018-12-20 [PMID: 30571144] (WB, Mouse)



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Products Related to NBP2-37412

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00010998-P01-10ug	Recombinant Human FATP5/SLC27A5 GST (N-Term) Protein

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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