

Product Datasheet

SLC25A47 Antibody NB100-57843

Unit Size: 0.1 mg

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

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NB100-57843

SLC25A47 Antibody

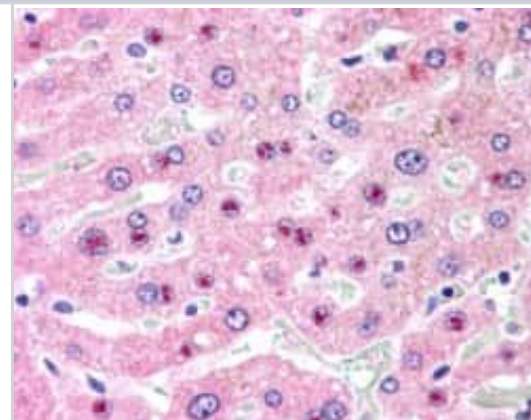
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	283600
Gene Symbol	SLC25A47
Species	Human
Immunogen	Peptide with sequence C-RYGNPDAKPTKAD corresponding to internal region according to NP_997000.2.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Preliminary experiments gave an approx. 45 kDa band in human liver lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 33.4 kDa band according to NP_997000.2. The 45 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human liver shows staining of nucleoli in select hepatocytes.

Images

Immunohistochemistry-Paraffin: SLC25A47 Antibody [NB100-57843] - IHC analysis of SLC25A47 in paraffin-embedded Human Liver using this antibody at 2.5 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Bresciani N, Demagny H, Lemos V et al. SLC25A47 is a novel determinant of hepatic mitochondrial function implicated in liver fibrosis *Journal of hepatology* 2022-06-14 [PMID: 35714811] (WB, Mouse)

Tan MG, Ooi LL, Aw SE, Hui KM. Cloning and identification of hepatocellular carcinoma down-regulated mitochondrial carrier protein, a novel liver-specific uncoupling protein. *J Biol Chem* 2004 Oct 22 [PMID: 15322095]





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Products Related to NB100-57843

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
H00153328-P01-10ug	Recombinant Human SLC25A48 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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