

Product Datasheet

Sterol carrier protein 2 Antibody NB100-93459

Unit Size: 0.1 mg

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

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NB100-93459**Sterol carrier protein 2 Antibody**

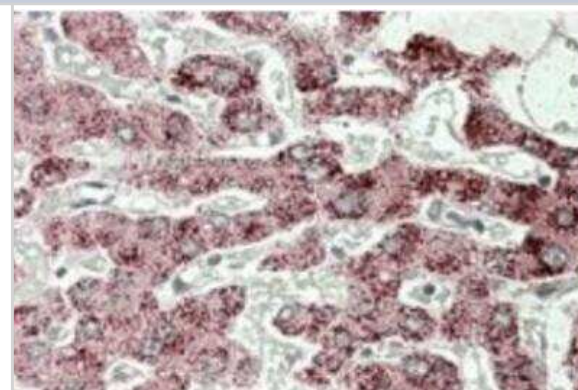
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	6342
Gene Symbol	SCP2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform 1, 2, 6, 7 and 8 (NP_002970.2; NP_001007099.1; NP_001180529.1; NP_001180528.1; NP_001180546.1 respectively),
Immunogen	Peptide with sequence C-KNHHKHSVNNPYSQ corresponding to internal region according to NP_002970.2, NP_001180528.1, NP_001180529.1, NP_001180546.1.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 6 ug/ml, Immunohistochemistry-Paraffin 3 - 6 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave an approx. 50 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 59.0 kDa band according to NP_001007099.1 and of 6.7 kDa band according to NP_002970.2. The 28 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human liver shows speckled cytoplasm staining in hepatocytes.

Images

Immunohistochemistry-Paraffin: Sterol carrier protein 2 Antibody [NB100-93459] - (3.8ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Atshaves BP, Gallegos AM, McIntosh AL et al. Sterol carrier protein-2 selectively alters lipid composition and cholesterol dynamics of caveolae/lipid raft vs nonraft domains in L-cell fibroblast plasma membranes. *Biochemistry* 2003-12-16 [PMID: 14661971]





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Products Related to NB100-93459

NBL1-15749	Sterol carrier protein 2 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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