

Product Datasheet

SLC02A1 Antibody - BSA Free

NBP2-13349

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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NBP2-13349

SLCO2A1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

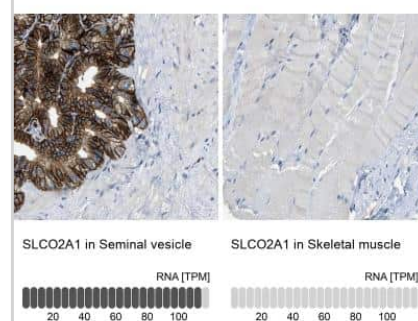
Host	Rabbit
Gene ID	6578
Gene Symbol	SLCO2A1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (81%). Human reactivity reported in scientific literature (PMID: 26415544).
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: PSTSSSIHPQSPACRRDCSCPDSIFHPVCGDNGIEYLSPCHAGCSNINMSSATS KQLIYLNCSVTGGSASAKTGSCPVPCAH

Product Application Details

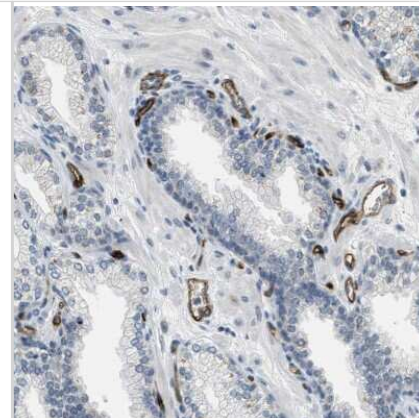
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. WB reactivity reported in (PMID:26415544). ICC/IF and IHC reactivity reported in (PMID: 26539716).

Images

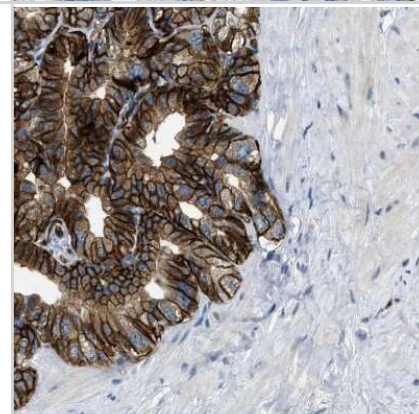
Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Staining in human seminal vesicle and skeletal muscle tissues . Corresponding SLCO2A1 RNA-seq data are presented for the same tissues.



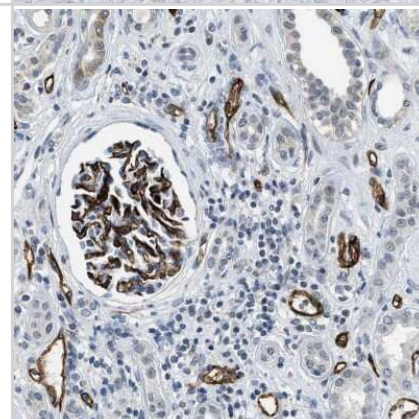
Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Immunohistochemical staining of human prostate shows strong membranous positivity in endothelial cells.



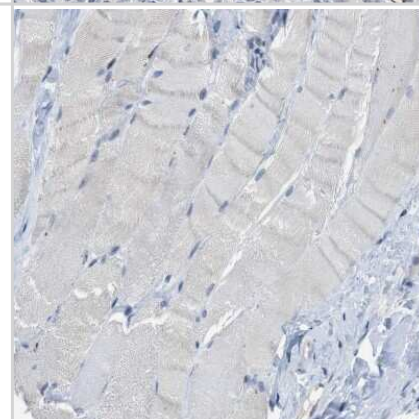
Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Immunohistochemical staining of human seminal vesicle shows strong membranous positivity in glandular cells.



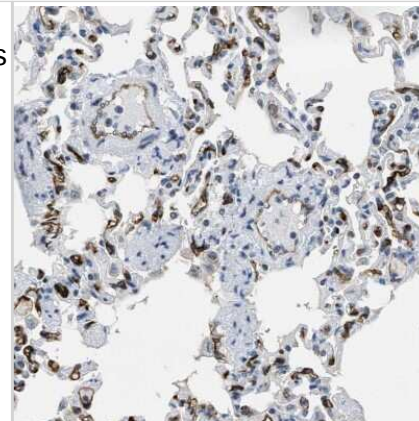
Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Immunohistochemical staining of human kidney shows strong membranous positivity in cells in glomeruli and endothelial cells.



Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Immunohistochemical staining of human skeletal muscle shows no positivity as expected.



Immunohistochemistry-Paraffin: SLCO2A1 Antibody [NBP2-13349] - Immunohistochemical staining of human lung shows strong membranous positivity in endothelial cells.



Publications

de Haan W, Oie CI, Benkheil M et al. Unraveling the transcriptional determinants of Liver Sinusoidal Endothelial Cell specialization Am. J. Physiol. Gastrointest. Liver Physiol. 2020-03-02 [PMID: 32116021]

Umeno J, Hisamatsu T, Esaki M et al. A Hereditary Enteropathy Caused by Mutations in the SLCO2A1 Gene, Encoding a Prostaglandin Transporter. PLoS Genet 2015-11-01 [PMID: 26539716] (ICC/IF, IF/IHC, Human)

Patik I, Kovacsics D, Nemet O et al. Functional expression of the 11 human Organic Anion Transporting Polypeptides in insect cells reveals that sodium fluorescein is a general OATP substrate. Biochem Pharmacol 2015-12-15 [PMID: 26415544] (WB, Human)



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Products Related to NBP2-13349

NBP2-13349PEP	SLCO2A1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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