

# Product Datasheet

## SLC22A2/OCT2 Antibody - BSA Free NBP1-89417

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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### Publications: 2

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**NBP1-89417**

SLC22A2/OCT2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	63 kDa

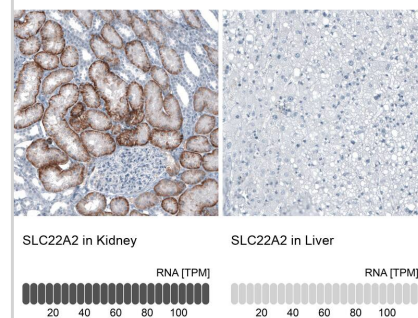
Product Description	
Description	Novus Biologicals Rabbit SLC22A2/OCT2 Antibody - BSA Free (NBP1-89417) is a polyclonal antibody validated for use in IHC and WB. Anti-SLC22A2/OCT2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6582
Gene Symbol	SLC22A2
Species	Human, Rat
Reactivity Notes	Mouse (84%). Rat reactivity reported in scientific literature (PMID:24887156).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESPRWLISQNKNAEAMRIIKHIAKKNKSLPASLQRLRLEEETGKKLNPSFLDLV RTPQIR

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Single Cell Western
Recommended Dilutions	Western Blot Reactivity reported in scientific literature (PMID: 26045896), Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000, Single Cell Western Single Cell Western reported by an internal validation at a 1:20 dilution
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

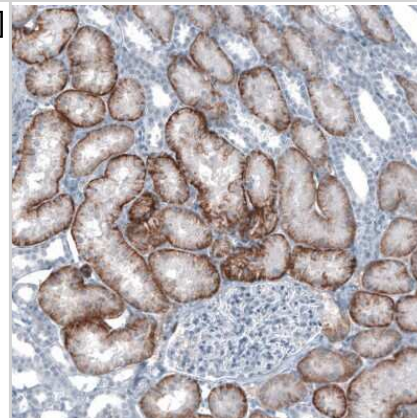


## Images

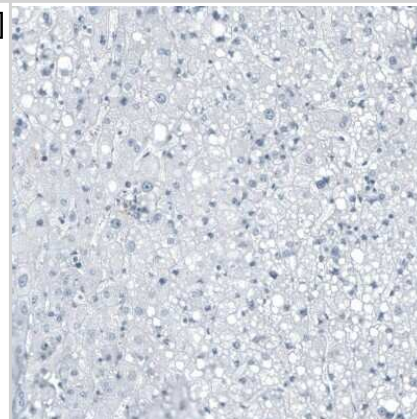
Analysis in human kidney and liver tissues using NBP1-89417 antibody. Corresponding SLC22A2 RNA-seq data are presented for the same tissues.



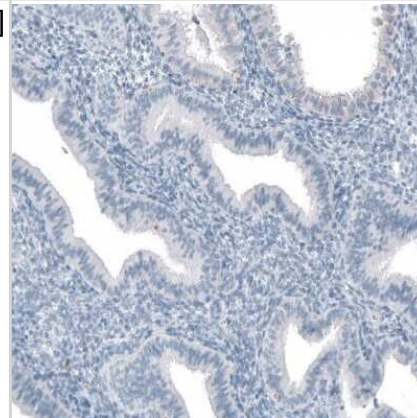
Immunohistochemistry-Paraffin: SLC22A2/OCT2 Antibody [NBP1-89417]  
- Staining of human kidney shows moderate to strong cytoplasmic/membranous positivity in cells in tubules.



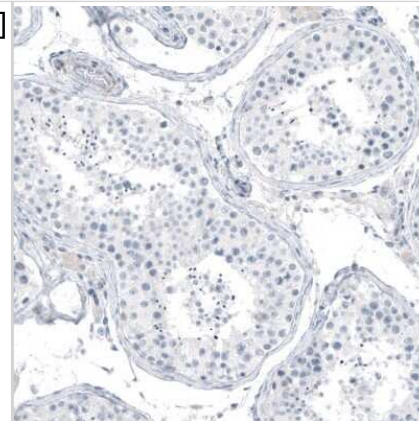
Immunohistochemistry-Paraffin: SLC22A2/OCT2 Antibody [NBP1-89417]  
- Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: SLC22A2/OCT2 Antibody [NBP1-89417]  
- Staining of human endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: SLC22A2/OCT2 Antibody [NBP1-89417]  
- Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



## Publications

Li X, Cui P, Jiang HY et al. Reversing the reduced level of endometrial GLUT4 expression in polycystic ovary syndrome: a mechanistic study of metformin action. *Am J Transl Res* 2015-01-01 [PMID: 26045896] (WB, Human)

Shao R, Li X, Feng Y, Lin JF, Billig H. Direct effects of metformin in the endometrium: a hypothetical mechanism for the treatment of women with PCOS and endometrial carcinoma. *J Exp Clin Cancer Res* 2014-05-11 [PMID: 24887156] (IF/IHC, Rat)



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### **Products Related to NBP1-89417**

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NBP1-89417PEP	SLC22A2/OCT2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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