

Product Datasheet

UT2/SLC14A2 Antibody - BSA Free NBP1-44375

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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NBP1-44375

UT2/SLC14A2 Antibody - 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	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 50% Glycerol

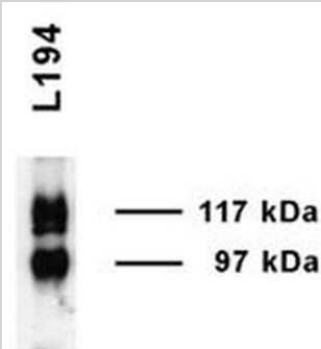
Product Description	
Host	Rabbit
Gene ID	8170
Gene Symbol	SLC14A2
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 30101448).
Specificity/Sensitivity	Detects approx 97 and 127kDa.
Immunogen	Produced against a synthetic peptide mapped to the C-terminal tail (amino acids 911-929) of rat UT-A1 (antibody designation L194)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:25, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunohistochemistry-Paraffin
Application Notes	1 ug/ml of UT-A1 Antibody was sufficient for detection of UT-A1 in 20 ug of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary Antibody.

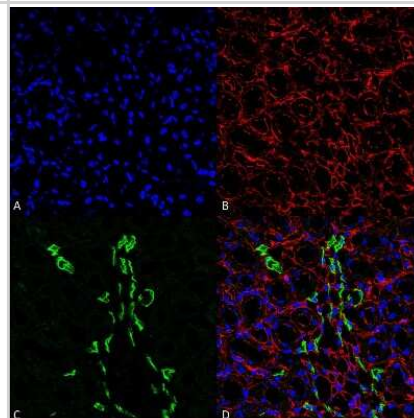


Images

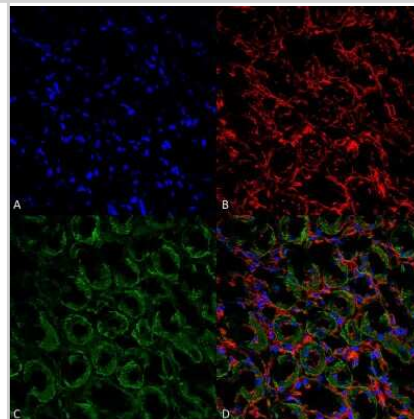
Western Blot: UT2/SLC14A2 Antibody [NBP1-44375] - Western blot analysis of Rat Inner medulla showing detection of UT2/SLC14A2 protein using Rabbit Anti-UT2/SLC14A2 Polyclonal Antibody (NBP1-44375). Primary Antibody: Rabbit Anti-UT2/SLC14A2 Polyclonal Antibody (NBP1-44375) at 1:1000.



Immunohistochemistry: UT2/SLC14A2 Antibody [NBP1-44375] - Immunohistochemistry analysis using Rabbit Anti-UT2/SLC14A2 Polyclonal Antibody (NBP1-44375). Tissue: kidney tissue. Species: Rat. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-UT2/SLC14A2 Polyclonal Antibody (NBP1-44375) at 1:25 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit IgG: Alexa Fluor 488. Counterstain: Actin-binding Phalloidin-Alexa Fluor 633; DAPI (blue) nuclear stain. Magnification: 63X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) UT2/SLC14A2 Antibody (D) Composite.



Immunohistochemistry-Paraffin: UT2/SLC14A2 Antibody [NBP1-44375] - kidney tissue. Species: Rat. Primary Antibody: Rabbit Anti-UT-A1 Polyclonal Antibody (NBP1-44375) at 1:25 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit IgG: Alexa Fluor 488. Counterstain: Actin-binding Phalloidin-Alexa Fluor 633; DAPI (blue) nuclear stain. Magnification: 63X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Alex Fluor 633 F-Actin stain. (C) UT-A1 Antibody (D) Composite.



Publications

Walpole C, McGrane A, Al-Mousawi H et al. Investigation of facilitative urea transporters in the human gastrointestinal tract *Physiol Rep* 2018-08-01 [PMID: 30101448] (WB, IF/IHC, Human)



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Products Related to NBP1-44375

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-12446	NLRP3/NALP3 Antibody - BSA Free

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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