

Rabbit SLC14A1 Polyclonal Antibody | anti-SLC14A1 antibody

SLC14A1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281601	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

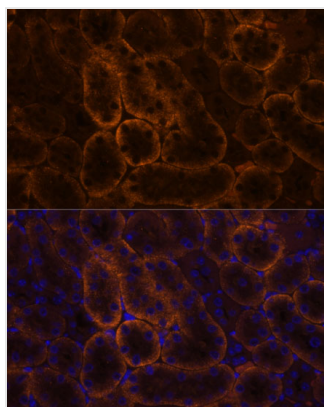
PRODUCT SYNONYMS

SLC14A1; Polyclonal Antibody; SLC14A1 Rabbit pAb; HUT11; HsT1341; JK; RACH1; RACH2; UT-B1; UT1; UTE; anti-SLC14A1 antibody

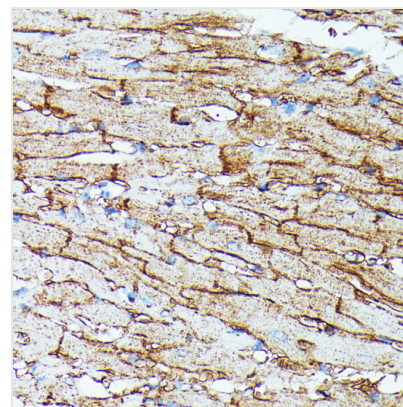
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	QIYGCDNPWT GGIFLGAILL SSPLMCLHAA IGSLLGIAAG LSLSAPFEDI YFGLWGFNSS LACIAMGGMF MALTWQTHLL ALGCALFTAY LGVGMANFMA EVGLPACTWP FCLATLLFLI MTTKNSNIYK MPLSKVTYPE ENRIFYLQAK KRMVESPL
Applicable Applications for anti-SLC14A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human SLC14A1 (NP_001295208.1).
Positive Samples	Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

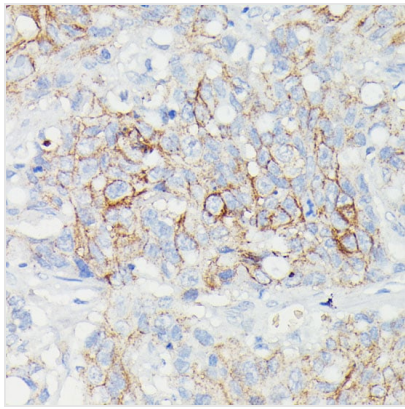
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of mouse kidney using SLC14A1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

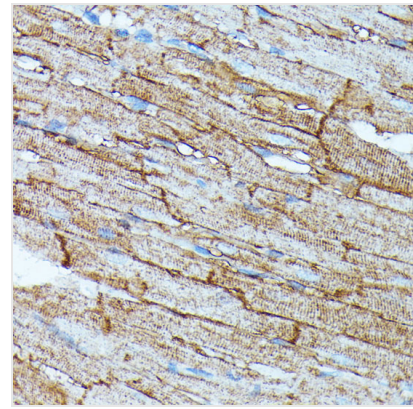

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using SLC14A1 antibody at dilution of 1:100 (40x lens).



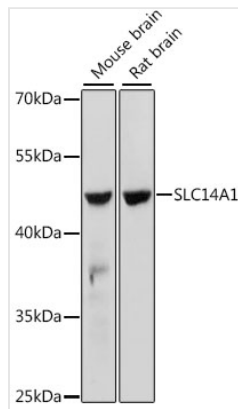
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lymph node tumors using SLC14A1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using SLC14A1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC14A1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC14A1 antibody

Background: The protein encoded by this gene is a membrane transporter that mediates urea transport in erythrocytes. This gene forms the basis for the Kidd blood group system.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371768
NCBI GeneID	6563
NCBI Accession #	NP_001122060.3
NCBI GenBank Nucleotide #	NM_001128588.3
UniProt Accession #	Q13336; Q86VM5; A8K0P3; B3KR62; B3KVX3; C9EHF2
Molecular Weight	42,528 Da
NCBI Official Full Name	urea transporter 1 isoform 1
NCBI Official Synonym Full Names	solute carrier family 14 (urea transporter), member 1 (Kidd blood group)
NCBI Official Symbol	SLC14A1
NCBI Official Synonym Symbols	JK; UT1; UTE; HUT11; RACH1; RACH2; UT-B1; HsT1341

NCBI Protein Information	urea transporter 1; SLC14A1 JK; Kidd blood group; urea transporter-B1; urea transporter, erythrocyte; urea transporter JK glycoprotein
UniProt Protein Name	Urea transporter 1
UniProt Gene Name	SLC14A1
UniProt Synonym Gene Names	HUT11; JK; RACH1; UT1; UTE
UniProt Entry Name	UT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc14a1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281601>