

Slc5a1 (rat) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3676a**Specification**

Slc5a1 (rat) Antibody (internal region) - Product Information

Application	WB
Primary Accession	P53790.1
Other Accession	NP_037165.1 , 25552 (rat)
Reactivity	Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG

Slc5a1 (rat) Antibody (internal region) - Additional Information**Other Names**

Slc5a1; solute carrier family 5 (sodium/glucose cotransporter), member 1; MGC93553; Sglt1; Na(+)/glucose cotransporter 1; Solute carrier family 5, member alpha 1 (Na+/glucose cotransporter); high affinity sodium-glucose cotransporter; sodium/glucose cotra

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Slc5a1 (rat) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

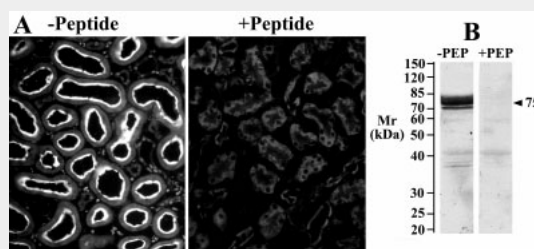
Slc5a1 (rat) Antibody (internal region) - Protein Information**Slc5a1 (rat) Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

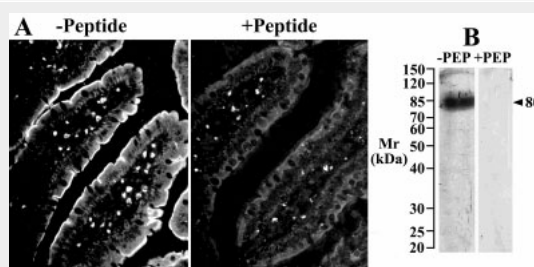
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

Slc5a1 (rat) Antibody (internal region) - Images



AF3676a (2.5 µg/ml) Western blot staining of Brush-border membranes from Rat Kidney. Primary incubation was 1 hour. Detected by chemiluminescence. AF3676a (25ug/ml) IHC staining of cryosections of Rat Kidney. Detection by CY3 fluorescence.



AF3676a (2.5 µg/ml) Western blot staining of Brush-border membranes from Rat Small Intestines. Primary incubation was 1 hour. Detected by chemiluminescence. AF3676a (25ug/ml) IHC staining of cryosections of Rat Small Intestines. Detection by CY3 fluorescence.

Slc5a1 (rat) Antibody (internal region) - References

Glucose transport by human renal Na⁺/D-glucose cotransporters SGLT1 and SGLT2. Hummel CS, Lu C, Loo DD, Hirayama BA, Voss AA, Wright EM. Am J Physiol Cell Physiol. 2011 Jan;300(1):C14-21. PMID: 20980548