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Slc5a2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12331

Specification

Slc5a2 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q923I7
Other Accession	NM_133254, NP_573517
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Pig, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**73kDa KDa**

Slc5a2 antibody - middle region - Additional Information

Gene ID 246787

Alias Symbol	**Sglt2**

Other Names
Sodium/glucose cotransporter 2, Na(+)/glucose cotransporter 2, Low affinity sodium-glucose cotransporter, Solute carrier family 5 member 2, Slc5a2, Sglt2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Slc5a2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Slc5a2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Slc5a2 antibody - middle region - Protein Information

Name Slc5a2

Function
Electrogenic Na(+)-coupled sugar simporter that actively transports D-glucose at the plasma membrane, with a Na(+) to sugar coupling ratio of 1:1. Transporter activity is driven by a transmembrane Na(+) electrochemical gradient set by the Na(+)/K(+) pump (By similarity). Has a primary role in D-glucose reabsorption from glomerular filtrate across the brush border of the early proximal tubules of the kidney (PubMed:20616166).

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Cellular Location
Apical cell membrane; Multi-pass membrane protein

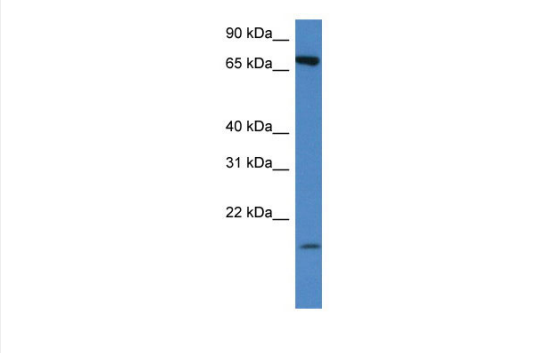
Tissue Location
Expressed in epithelial cells of early proximal tubules (at protein level).

Slc5a2 antibody - middle 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 Cytomety
- Cell Culture

Slc5a2 antibody - middle region - Images



WB Suggested Anti-Slc5a2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus