

Anti-SGLT2 Antibody
Catalog # AP53701**Specification**

Anti-SGLT2 Antibody - Product Information

Application	WB
Primary Accession	P31639
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72897

Anti-SGLT2 Antibody - Additional Information**Gene ID** 6524**Other Names**

SGLT2; Sodium/glucose cotransporter 2; Na(+)/glucose cotransporter 2; Low affinity sodium-glucose cotransporter; Solute carrier family 5 member 2

Target/Specificity

Recognizes endogenous levels of SGLT2 protein.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-SGLT2 Antibody - Protein Information**Name** SLC5A2 {ECO:0000303|PubMed:14614622}**Function**

Electrogenic Na(+)-coupled sugar symporter 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 (PubMed:20980548, PubMed:28592437, PubMed:34880493). Has a primary role in D-glucose reabsorption from glomerular filtrate across the brush border of the early proximal tubules of the kidney (By similarity).

Cellular Location

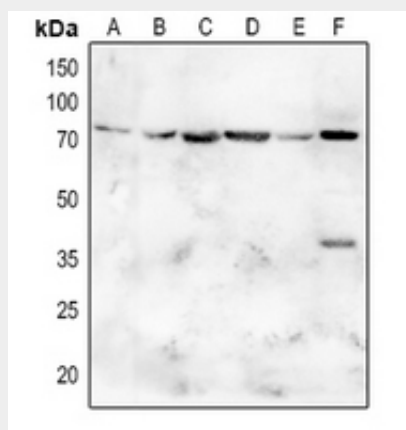
Apical cell membrane {ECO:0000250|UniProtKB:Q923I7}; Multi-pass membrane protein

Anti-SGLT2 Antibody - 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](#)

Anti-SGLT2 Antibody - Images



Western blot analysis of SGLT2 expression in HEK293T (A), Hela (B), DLD (C), rat heart (D), rat liver (E), rat kidney (F) whole cell lysates.

Anti-SGLT2 Antibody - Background

Rabbit polyclonal antibody to SGLT2