

SLC5A11 antibody

Product Information

Catalog No.:	FNab07970
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Involved in the sodium-dependent cotransport of myo-inositol(MI) with a Na(+):MI stoichiometry of 2:1. Exclusively responsible for apical MI transport and absorption in intestine. Also can transport D-chiro-inositol(DCI) but not L-fructose. Exhibits stereospecific cotransport of both D-glucose and D-xylose. May induce apoptosis through the TNF-alpha, PDCD1 pathway. May play a role in the regulation of MI concentration in serum, involving reabsorption in at least the proximal tubule of the kidney.

Immunogen information

Immunogen:	solute carrier family 5(sodium/glucose cotransporter), member 11
Synonyms:	Sodium/myo-inositol cotransporter 2 (Na+)/myo-inositol cotransporter 2) Sodium-dependent glucose cotransporter Sodium/glucose cotransporter KST1 Sodium/myo-inositol transporter 2 (SMIT2) Solute carrier family 5 member 11 SLC5A11 KST1 SLGTX SMIT2
Observed MW:	None
Uniprot ID :	Q8WWX8

Application

Reactivity:	Human
Tested Application:	ELISA
Recommended dilution:	None