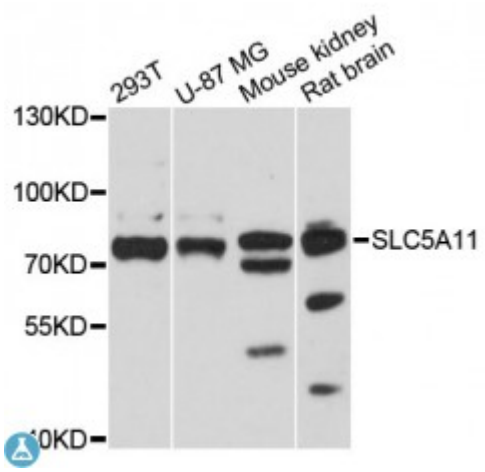
Anti-SLC5A11 Antibody



Model	STJ115130
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 540-640 of human SLC5A11 (NP_443176.2).
Gene ID	115584
Gene Symbol	SLC5A11
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Highest expression in heart, skeletal muscle, kidney, liver and placenta, Weaker expression in brain, colon, spleen, lung and peripheral blood leukocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	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 membe
Molecular Weight	74.036 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:23091OMIM:610238Reactome:R-HSA-429593
Alternative Names	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 membe
Function	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,
Cellular Localization	Membrane

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