SLC5A10 Antibody

Catalog No: #43636

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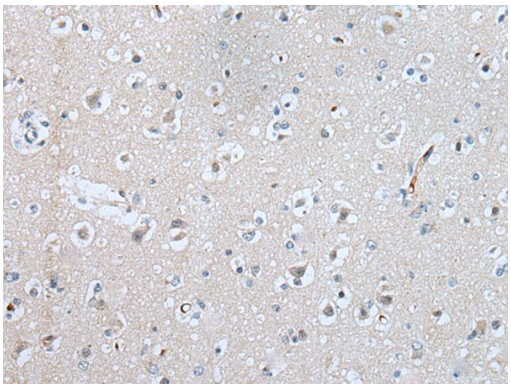
Description

Product Name	SLC5A10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC5A10 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human SLC5A10
Target Name	SLC5A10
Other Names	SGLT5; SGLT-5
Accession No.	Swiss-Prot#: A0PJK1NCBI Gene ID: 125206
Uniprot	A0PJK1
GeneID	125206;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

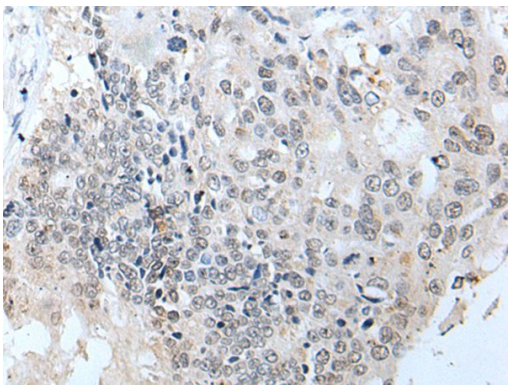
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using SLC5A10 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using SLC5A10 Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene is a member of the sodium/glucose transporter family. Members of this family are sodium-dependent transporters and can be divided into two subfamilies based on sequence homology, one that co-transports sugars and the second that transports molecules such as ascorbate, choline, iodide, lipoate, monocaroboxylates, and pantothenate. The protein encoded by this gene has the highest affinity for mannose and has been reported to be most highly expressed in the kidney. This protein may function as a kidney-specific, sodium-dependent mannose and fructose co-transporter. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Note: This product is for in vitro research use only