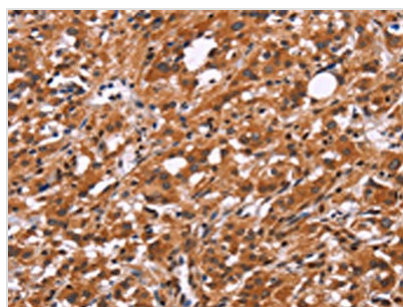


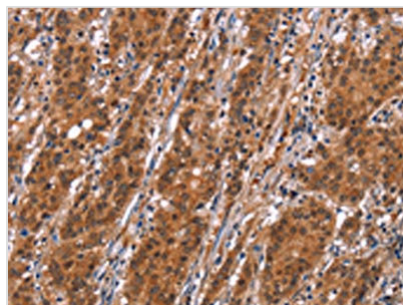
SLC8A2 Antibody

Product Code	CSB-PA244891
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UPR5
Immunogen	Synthetic peptide of Human SLC8A2
Raised In	Rabbit
Species Reactivity	Human,Rat
Tested Applications	ELISA,IHC;ELISA:1:1000-1:2000,IHC:1:25-1:100
Relevance	Sodium/calcium exchanger proteins are integral membrane proteins primarily seen in cardiac cells. In cardiac myocytes, the concentration of Ca ²⁺ alternates between low levels during relaxation and high levels during contraction. The Na ⁺ /Ca ²⁺ exchanger 1 (NCX1) protein mediates Ca ²⁺ extrusion from cardiac cells during relaxation. Four NCX1 isoforms (NCX1.1, NCX1.3, NCX1.7, and NCX1.10) result from alternate splicing. NCX1 mRNA is present at high levels in the heart, with lower levels present in the brain. NCX2 is most abundantly expressed in brain, in contrast the the broader distribution of NCX1, which is also expressed in heart, kidney, lung, smooth and skeletal muscle. The difference in expression for the transporter subtypes is believed to reflect differences in their functional roles. Regulation mechanisms for these exchanger proteins have not been fully characterized.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	SLC8A2

Image



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA244891(SLC8A2 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CSB-PA244891(SLC8A2 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)