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Datasheet for ABIN653184

anti-SLC22A6 antibody (C-Term)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SLC22A6
Binding Specificity:	AA 513-541, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SLC22A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 513-541 amino acids from the C-terminal region of human SLC22A6.
Clone:	RB23819
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SLC22A6
Alternative Name:	SLC22A6 (SLC22A6 Products)

Target Details

Background:	The protein is involved in the sodium-dependent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and may be localized to the basolateral membrane.
Molecular Weight:	61816
Gene ID:	9356
NCBI Accession:	NP_004781 , NP_695008 , NP_695009 , NP_695010
UniProt:	Q4U2R8
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

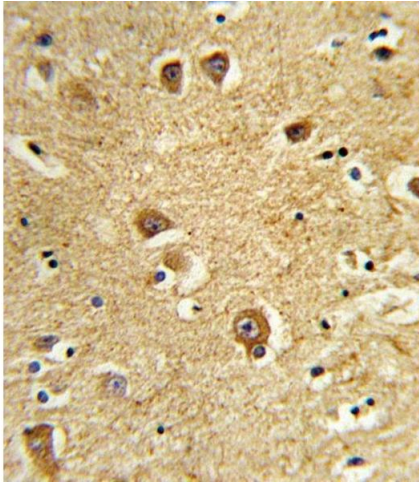
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Jiang, Wang, Wang, Xu, Xu, Tang, Sun, Wang, Zhang: "Enolase1 (ENO1) and glucose-6-phosphate isomerase (GPI) are good markers to predict human sperm freezability." in: Cryobiology , Vol. 71, Issue 1, pp. 141-5, (2015) (PubMed).
	Zhao, Li, Liao, Luo, Shi, Feng, Chen: "Evodiamine Induces Apoptosis and Inhibits Migration of

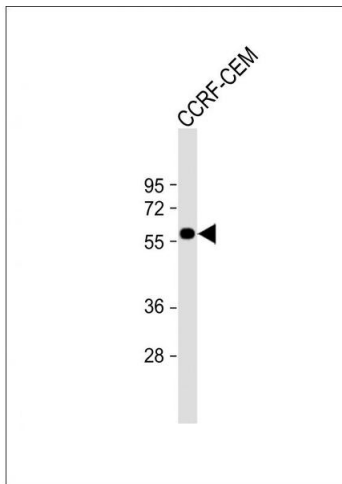
HCT-116 Human Colorectal Cancer Cells." in: **International journal of molecular sciences**, Vol. 16, Issue 11, pp. 27411-21, (2015) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

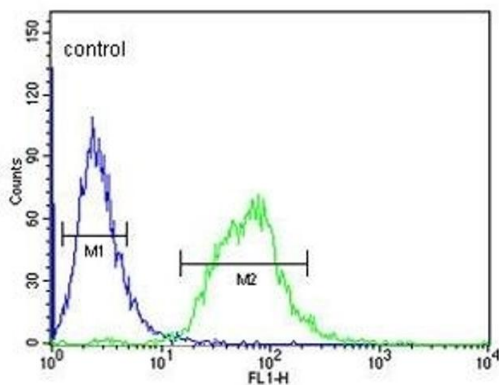
Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with SLC22A6 Antibody (C-Term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-SLC22A6 Antibody (C-Term) at 1:1000 dilution + CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 62 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.

CEM



Flow Cytometry

Image 3. SLC22A6 Antibody (C-Term) (ABIN653184 and ABIN2842738) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.