



Rabbit Anti-Human SLC22A18 Polyclonal antibody (CPBT-46931RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	SLC22A18 fusion protein, sequence: MSALGRSSVILLTYVLAATELTCLFMQFSIVPYLSRKLGLDSIAFGYLQTTFGVLQLLGG PVFGRFADQRGARAALTSFLAALALYLLAAASSPALPGVYLLFASRLPGALMHTLPAA QMVITDLSAPEERPAALGRLGLCFGVGVILGSLLGGTLVSAYGIQCPAILAALATLLGAV LSFTCIPASTKGAKTDAQAPLPGGPRASVFDLKAIASLLRLPDVPRIFLVKVASNCPTGL FMVMFSIISMDFFQLEAAQAGYLMSFFGLLQMVTQGLVIGQLSSHFSSEEVLLRASVLVFI VVGLAMAWMSSVFHFCLLVPGLVFSLCTLNVVTDMSMLIKAVSTSDTGTMLGLCASVQPLL RTLGPVGGLLYRSFGVPVFGHVQVAINTLVLLVLWRKPMPQRKDKVR (17-424 aa encoded by BC015571)
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Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, IHC, ELISA
Positive Control	mouse brain tissue, COLO 320 cells
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Preservative	0.1% Sodium Azide

Storage

Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

This gene is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene is imprinted, with preferential expression from the maternal allele. Mutations in this gene have been found in Wilms tumor and lung cancer. This protein may act as a transporter of organic cations, and have a role in the transport of chloroquine and quinidine-related compounds in kidney. Two alternatively spliced transcript variants encoding the same protein have been described.

Keywords

SLC22A18; solute carrier family 22, member 18; HET; ITM; BWR1A; IMPT1; TSSC5; ORCTL2; BWSCR1A; SLC22A1L; p45-BWR1A; solute carrier family 22 member 18; ORCTL-2; efflux transporter-like protein; p45 Beckwith-Wiedemann region 1A; organic cation transporter-like 2; p45-Beckwith-Wiedemann region 1 A; tumor-suppressing STF cDNA 5 protein; organic cation transporter-like protein 2; Beckwith-Wiedemann syndrome chromosome region 1, candidate A; beckwith-Wiedemann syndrome chromosomal region 1 candidate gene A protein; imprinted multi-membrane spanning polyspecific transporter-related protein 1; imprinted multi-membrane-spanning polyspecific transporter-related protein 1; tumor-suppressing subchromosomal transferable fragment candidate gene 5 protein;

GENE INFORMATION

Entrez Gene ID

[5002](#)

UniProt ID

[Q96BI1](#)