Anti-Human SLC22A18 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05457

3th Edition

Description: 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. Several alternatively spliced transcript variants encoding different isoforms have been described.SLC22A18 (Solute Carrier Family 22 Member 18) is a Protein Coding gene. Diseases associated with SLC22A18 include Lung Cancer and Rhabdomyosarcoma, Somatic. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. GO annotations related to this gene include transporter activity and symporter activity. An important paralog of this gene is MFSD9.

Antigen: Synthesized peptide derived from the C-terminal region of human ORCTL2

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed at high levels in adult and fetal kidney and liver, and adult colon. Expressed in fetal renal proximal tubules (at protein level). Expressed at lower levels in heart, brain and lung.