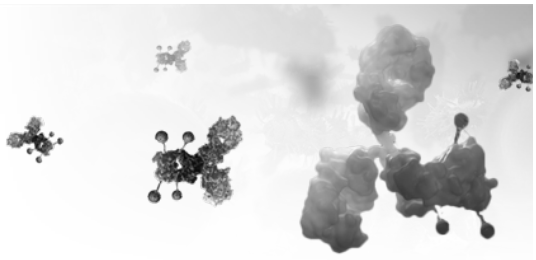

Anti-SLC22A18 (aa 108-157) polyclonal antibody (CPBT-46932RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human SLC22A18.
Antigen 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. Two alternatively spliced transcript variants encoding the same protein have been described.
Immunogen	Synthetic peptide, corresponding to a region within N terminal amino acids 108-157 (AASSPALPGVYLLFASRLPGALMHTLPAAQMVITDLSAP EERPAALGRLG) of Human Solute carrier family 22 member 18
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Cellular Localization	Apical cell membrane; Multi-pass membrane protein (Potential). Note=Localized at the apical membrane surface of renal proximal tubules.

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Format	Lyophilised: Add 50 µl of distilled water.
Size	50 µg
Buffer	Preservative: NoneConstituents: 2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4℃. Upon delivery aliquot and store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SLC22A18 solute carrier family 22, member 18 [Homo sapiens]
Official Symbol	SLC22A18
Synonyms	SLC22A18; solute carrier family 22, member 18; BWSCR1A, IMPT1, ORCTL2, SLC22A1L,solute carrier family 22 (organic cation transporter), member 1 like; solute carrier family 22 member 18; BWR1A; ITM; TSSC5; IMPT1; OTTMUSP00000030800; Beckwith Wiedemann syndrome chromosomal region 1 candidate gene A protein; BWR1A; BWSCR1A; DKFZp667A184; Efflux transporter like protein; HET; Imprinted multi membrane spanning polyspecific transporter related protein 1; ITM; MGC94186; ORCTL 2; ORCTL2; Organic cation transporter like protein 2; OTTMUSP00000030799; p45 Beckwith Wiedemann region 1 A; p45 BWR1A; SLC22A18; SLC22A1L; Solute carrier family 22 member 1 like; TSSC5; TSSC5v; Tumor suppressing STF cDNA 5 protein; Tumor suppressing subchromosomal transferable fragment candidate gene 5 protein; ORCTL-2; OTTHUMP00000011731; OTTHUMP00000011732; OTTHUMP00000011733; OTTHUMP00000012598; 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; HET; IMPT1; ORCTL2; BWSCR1A; SLC22A1L; p45-BWR1A;
Entrez Gene ID	5002
Protein Refseq	NP_002546
UniProt ID	Q96BI1
Chromosome Location	11p15.5
Pathway	Organic cation transport, organism-specific biosystem; Organic cation/anion/zwitterion

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	transport, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem;
Function	drug transmembrane transporter activity; symporter activity; transporter activity; ubiquitin protein ligase binding;

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