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Product datasheet for TA368111

Solute carrier family 22 member 18 (SLC22A18) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 20-100 Positive control: Human thyroid cancer Predicted cell location: Cell membrane
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SLC22A18
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	solute carrier family 22 member 18
Database Link:	Entrez Gene 5002 Human Q96BI1
Background:	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.

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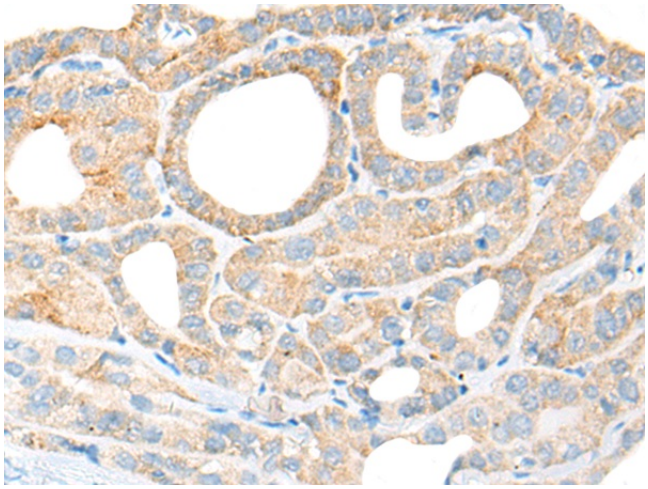
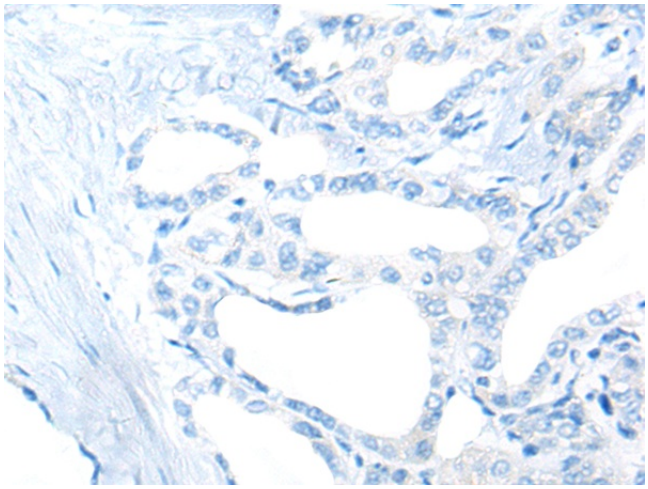
Synonyms: BWR1A; BWSCR1A; DKFZp667A184; HET; IMPT1; ITM; ORCTL-2; ORCTL2; OTTHUMP00000011733; p45-BWR1A; SLC22A1L; TSSC5

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368111 (SLC22A18 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA368111 (SLC22A18 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)