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SLC22A13 Rabbit pAb

Catalog # AP97010

Product Information

Application	WB
Primary Accession	Q6A4L0
Other Accession	Q6A4L0
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60724
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse SLC22A13
Epitope Specificity	61-160/551
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the organic-cation transporter family. It is located in a gene cluster with another member of the family, organic cation transporter like 4. The encoded protein is a transmembrane protein involved in the transport of small molecules. This protein can function to mediate urate uptake and is a high affinity nicotinate exchanger in the kidneys and the intestine. [provided by RefSeq, Sep 2008]

Additional Information

Gene ID	102570
Other Names	OAT10; OCTL1; OCTL3; ORCTL-3; ORCTL3; S22AD_HUMAN; SLC22A13; Organic anion transporter 10 (OAT10); Organic cation transporter-like 3 (ORCTL-3 | ORCTL3); S22AD_MOUSE; Organic cation transporter-like 3 (ORCTL-3); solute carrier family 22 member 13; organic cationic transporter-like 3; solute carrier family 22 (organic anion transporter), member 13; solute carrier family 22 (organic anion/urate transporter), member 13
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Slc22a13 {ECO:0000312|MGI:MGI:2143107}
Synonyms	Orctl3
Function	Anion antiporter that mediates the transport of orotate and nicotinate in exchange for organic or inorganic anions (PubMed:35144162). Translocates orotate across the apical membrane of proximal tubule epithelial cells. Possibly involved in orotate renal reabsorption and nicotinate intestinal reabsorption (PubMed:35144162). Orotate transport is Cl(-)-dependent (By similarity).
Cellular Location	Apical cell membrane {ECO:0000250|UniProtKB:Q9Y226}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9Y226}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.