



SLC22A16 Antibody

CATALOG NUMBER: 46-375

Specifications

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| SPECIES REACTIVITY: | Human |
| TESTED APPLICATIONS: | ELISA, IHC-P |
| APPLICATIONS: | ELISA: antibody detection limit dilution 1:64000. Western Blot: Preliminary experiments gave bands at approx 60kDa and 37kDa in Human Heart lysates after 0.03ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated. Immunohistochemistry: EB07474 (4ug/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining. |
| IMMUNOGEN: | SLC22A16 antibody was raised against a 12 amino acid synthetic peptide near the internal region of SLC22A16. |
| HOST SPECIES: | Goat |

Properties

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| PURIFICATION: | SLC22A16 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| PHYSICAL STATE: | Liquid |
| BUFFER: | SLC22A16 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. |
| CONCENTRATION: | 500 ug/mL |
| STORAGE CONDITIONS: | Aliquot and store at -20°C. Minimize freezing and thawing. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Unconjugated |

Additional Info

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| ALTERNATE NAMES: | SLC22A16, solute carrier family 22 (organic cation transporter), member 16, RP1-261K5.1, CT2, FLIPT2, OCT6, OKB1, dJ261K5.1, OTTHUMP00000040478, WUGSC:RG331P03.1, carnitine transporter 2, fly-like putative organic ion transporter 2, organic cation transporter 6, solute carrier family 22, 41918 |
| ACCESSION NO.: | NP_149116.2 |
| PROTEIN GI NO.: | 31542327 |
| OFFICIAL SYMBOL: | SLC22A16 |
| GENE ID: | 85413 |

Background

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| REFERENCES: | 1) Enomoto A, Wempe MF, Tsuchida H, Shin HJ, Cha SH, Anzai N, Goto A, Sakamoto A, Niwa T, Kanai Y, Anders MW, Endou H. Molecular identification of a novel carnitine transporter specific to human testis. Insights into the mechanism of carnitine recognition. J Biol Chem. 2002 Sep 27;277(39):36262-71. Epub 2002 Jun 27. |
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