

For Research Use Only

SLC22A14 Polyclonal antibody

Catalog Number: 17820-1-AP



Basic Information

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| Catalog Number: 17820-1-AP | GenBank Accession Number: BC075071 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 750 µg/ml by Nanodrop; | GeneID (NCBI): 9389 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | Full Name: solute carrier family 22, member 14 | |
| Isotype: IgG | Calculated MW: 594 aa, 67 kDa | |
| Immunogen Catalog Number: AG12180 | Observed MW: 67 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : human testis tissue, |
| Species Specificity: human | |

Background Information

SLC22A14 belongs to the organic anion/cation transporter family and is conserved in many mammals with 12 transmembrane regions. It has been reported that SLC22A14 is expressed ubiquitously but is highly expressed in testis located to the principal piece of spermatozoa. SLC22A14 plays a pivotal role in flagellar structure, sperm motility and fertility in mice. (PMID: 27811987, 10072596)

Storage

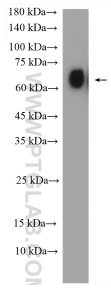
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 17820-1-AP (SLC22A14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.