

SLC22A14 Polyclonal antibody

Catalog Number: 17820-1-AP

Basic Information

Catalog Number:

17820-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12180

GenBank Accession Number:

BC075071

GeneID (NCBI):

9389

UNIPROT ID:

Q9Y267

Full Name:

solute carrier family 22, member 14

Calculated MW:

594 aa, 67 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human testis tissue,

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:

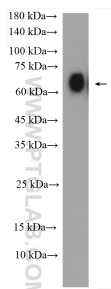
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.