

For Research Use Only

# SLC22A14 Polyclonal antibody

Catalog Number: 17820-1-AP



## Basic Information

### Catalog Number:

17820-1-AP

### Size:

150ul , Concentration: 750 ug/ml by Nanodrop;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

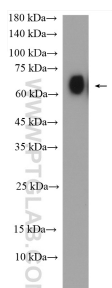
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## Selected Validation Data



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.