

For Research Use Only

# SLC7A13 Polyclonal antibody

Catalog Number: 32002-1-AP



## Basic Information

Catalog Number:

32002-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC125165

GeneID (NCBI):

157724

UNIPROT ID:

Q8TCU3

Full Name:

solute carrier family 7, (cationic amino acid transporter, y+ system) member 13

Calculated MW:

470 aa, 52 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : mouse kidney tissue,

## Background Information

SLC7A13 (also named AGT1 or XAT2) may enable L-amino acid transmembrane transporter activity. It may be involved in L-cystine transport; L-glutamate transmembrane transport; and aspartate transmembrane transport.

## 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

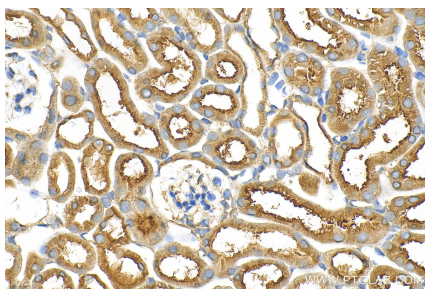
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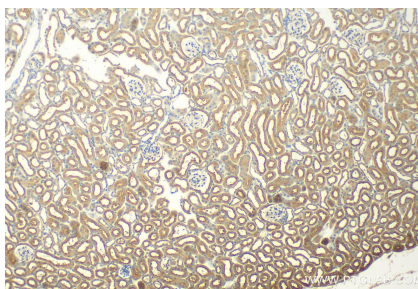
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32002-1-AP (SLC7A13 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32002-1-AP (SLC7A13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).