

For Research Use Only

OAT3/SLC22A8 Polyclonal antibody

Catalog Number: 16844-1-AP



Basic Information

Catalog Number:

16844-1-AP

Size:

150ul , Concentration: 400 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9795

GenBank Accession Number:

bc022387

GeneID (NCBI):

9376

UNIPROT ID:

Q8TCC7

Full Name:

solute carrier family 22 (organic anion transporter), member 8

Calculated MW:

542 aa, 60 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse kidney tissue, mouse liver tissue

Background Information

OAT3 (encoded by SLC22A8) is widely distributed in the kidney, liver, choroid plexus, olfactory mucosa, brain, retina, and placenta, but it is pre-dominantly expressed on the basolateral membrane of renal tubular cells. OAT3 plays a crucial role in the uptake, distribution, and excretion of various endogenous/exogenous substances. 16844-1-AP detected ~70 kDa is greater than predicted for Oat3 protein containing 542 amino acid (calculated Mr 59 kDa) and probably represents the glycosylated form (PMID:23389457).

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

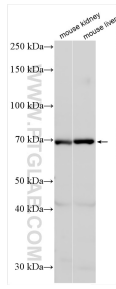
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16844-1-AP (SLC22A8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.