

For Research Use Only

# OAT3/SLC22A8 Polyclonal antibody

Catalog Number: 16844-1-AP



## Basic Information

Catalog Number:

16844-1-AP

Size:

400 µg/ml

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

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

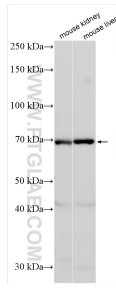
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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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.