

For Research Use Only

# OAT3/SLC22A8 Polyclonal antibody

Catalog Number: 16844-1-AP

1 Publications



## Basic Information

Catalog Number:

16844-1-AP

Size:

150ul, Concentration: 400 ug/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:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

rat

Positive Controls:

WB: mouse brain tissue, mouse kidney tissue, mouse liver tissue, rat kidney tissue, rat 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Junyi Zhang	39052058	Naunyn Schmiedebergs Arch Pharmacol	WB

## 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

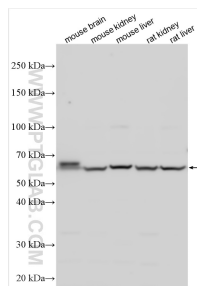
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16844-1-AP (OAT3/SLC22A8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.