

For Research Use Only

OAT3/SLC22A8 Polyclonal antibody

Catalog Number: 16844-1-AP

1 Publications



Basic Information

Catalog Number:

16844-1-AP

Concentration:

400 ug/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:

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

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

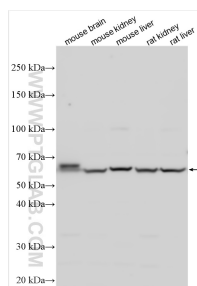
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.