

For Research Use Only

SLC10A4 Polyclonal antibody

Catalog Number: 31329-1-AP



Basic Information

Catalog Number:

31329-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34358

GenBank Accession Number:

BC019066

GeneID (NCBI):

201780

UNIPROT ID:

Q96EP9

Full Name:

solute carrier family 10 (sodium/bile acid cotransporter family), member 4

Calculated MW:

47 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

SLC10A4 belongs to the solute carrier superfamily and is a protease-activated transporter involved in uptake of bile acid (PMID: 23589386). SLC10A4 is expressed with a high expression in brain and is a vesicular monoaminergic and cholinergic-associated transporter that is important for dopamine homeostasis and neuromodulation (PMID: 25176177).

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:

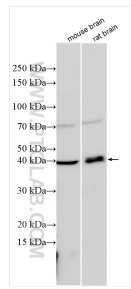
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31329-1-AP (SLC10A4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.