

For Research Use Only

SLC10A4 Polyclonal antibody

Catalog Number: 31329-1-AP



Basic Information

Catalog Number:

31329-1-AP

Size:

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

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

*** 20ul sizes contain 0.1% BSA

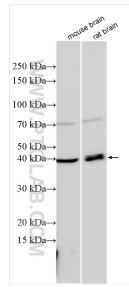
For technical support and original validation data for this product please contact:

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Selected Validation Data



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