

For Research Use Only

SLC29A4 Polyclonal antibody

Catalog Number: 26423-1-AP



Basic Information

Catalog Number:

26423-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24869

GenBank Accession Number:

BC025325

GeneID (NCBI):

222962

UNIPROT ID:

Q7RTT9

Full Name:

solute carrier family 29 (nucleoside transporters), member 4

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : rat brain tissue,

Background Information

SLC29A4 encodes for an integral plasma membrane protein known as PMAT (Plasma Membrane Monoamine Transporter) or ENT4 (Equilibrative Nucleoside Transporter 4) (PMID: 32170814). SLC29A4 contributes to dopamine and serotonin uptake (PMID: 29797618).

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

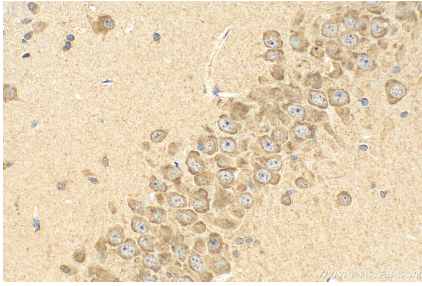
For technical support and original validation data for this product please contact:

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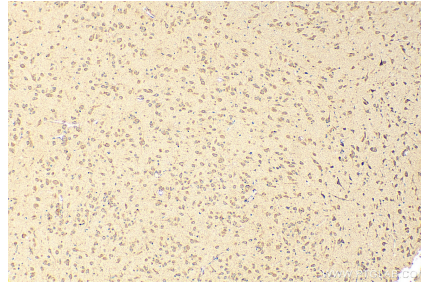
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 26423-1-AP (SLC29A4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 26423-1-AP (SLC29A4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).