

For Research Use Only

Calcyon Polyclonal antibody

Catalog Number: 13703-1-AP



Basic Information

Catalog Number:

13703-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4622

GenBank Accession Number:

BC038978

GeneID (NCBI):

50632

UNIPROT ID:

Q9NYX4

Full Name:

calcyon neuron-specific vesicular protein

Calculated MW:

217 aa, 23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human pituitary tissue,

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

Background Information

Calcyon, also named as NSG3, DRD1P and CALY, is a neuron-specific vesicular protein. It localizes to dendritic spines of D1 receptor-expressing pyramidal cells in prefrontal cortex.

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:

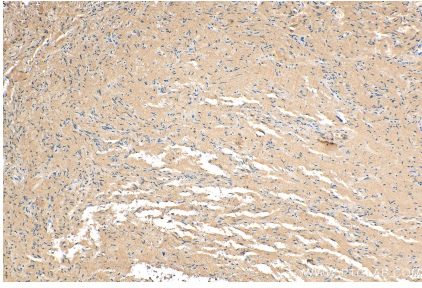
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pituitary tissue slide using 13703-1-AP (CALCYON antibody) at dilution of 1:200 (under 10 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).