

For Research Use Only

Calcyon Polyclonal antibody

Catalog Number: 13703-1-AP



Basic Information

Catalog Number: 13703-1-AP	GenBank Accession Number: BC038978	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 50632	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: calcyon neuron-specific vesicular protein	
Isotype: IgG	Calculated MW: 217 aa, 23 kDa	
Immunogen Catalog Number: AG4622		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human pituitary tissue,
Species Specificity: human, mouse, rat	
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

*** 20ul sizes contain 0.1% BSA

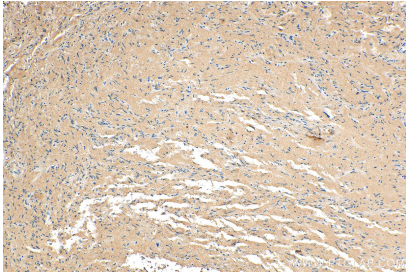
For technical support and original validation data for this product please contact:

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Selected Validation Data



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