

CAMK2N2 Polyclonal antibody

Catalog Number: 28090-1-AP

Basic Information

Catalog Number:

28090-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26872

GenBank Accession Number:

BC105077

GeneID (NCBI):

94032

UNIPROT ID:

Q96S95

Full Name:

calcium/calmodulin-dependent
protein kinase II inhibitor 2

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

Human, mouse

Positive Controls:

IHC : mouse brain 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

Calcium/calmodulin-dependent protein kinase II (CaMKII) is a key synaptic signaling molecule that regulates numerous physiological functions. CaMK2N2, also known as CAMK1IN, is one of the endogenous inhibitors of CaMKII. CaMK2N2 plays an important role in the regulation of cell growth (PMID: 11444830).

Storage

Storage:

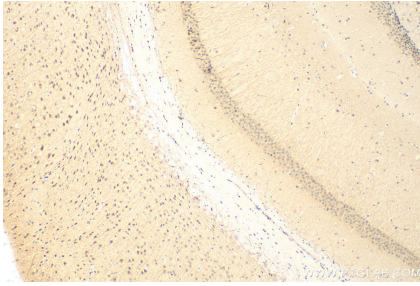
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

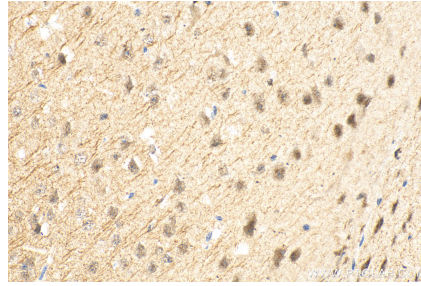
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28090-1-AP (CAMK2N2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28090-1-AP (CAMK2N2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).