

For Research Use Only

NCALD Polyclonal antibody

Catalog Number: 12925-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

12925-1-AP

Concentration:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3614

GenBank Accession Number:

BC036098

GeneID (NCBI):

83988

UNIPROT ID:

P61601

Full Name:

neurocalcin delta

Calculated MW:

193 aa, 22 kDa

Observed MW:

18-22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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:

WB : mouse brain tissue, A549 cells, mouse cerebellum tissue, human brain tissue, human heart tissue, human cerebellum tissue, rat brain tissue

IHC : mouse cerebellum tissue, human brain tissue, mouse brain tissue

Background Information

NCALD belongs to the recoverin family. And it is a member of the EF-hand calcium-binding protein superfamily. NCALD may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. It plays an important role in the regulation of the neuronal signal transduction process. NCALD is a likely candidate for conferring susceptibility to diabetic nephropathy.

Notable Publications

Author	Pubmed ID	Journal	Application
Sarah M Konrad	36444691	Biomark Med	IHC, WB
Xuefei Shi	27027352	Oncotarget	WB, IHC
Shengli Pan	35014676	Int J Oncol	WB, IHC

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:

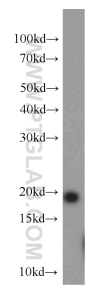
T: 4006900926

E: Proteintech-CN@ptglab.com

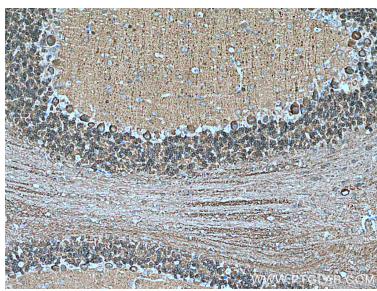
W: ptgcn.com

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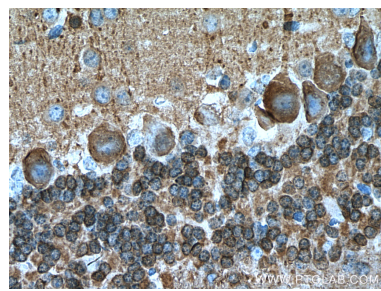
Selected Validation Data



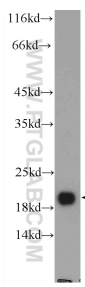
mouse brain tissue were subjected to SDS PAGE followed by western blot with 12925-1-AP (NCALD antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



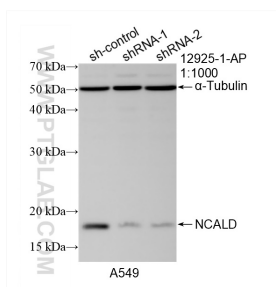
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 12925-1-AP (NCALD antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 12925-1-AP (NCALD antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



rat brain tissue were subjected to SDS PAGE followed by western blot with 12925-1-AP (NCALD Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of NCALD antibody (12925-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NCALD transfected A549 cells.