

For Research Use Only

Parvalbumin Polyclonal antibody

Catalog Number: 26521-1-AP

11 Publications



Basic Information

Catalog Number:

26521-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002854

GeneID (NCBI):

5816

UNIPROT ID:

P20472

Full Name:

parvalbumin

Calculated MW:

12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat, pig

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

Background Information

PVALB is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. PVALB is expressed in high levels only in fast-contracting muscles and at lower levels in brain and several endocrine tissues. It is thought to be involved in muscle relaxation.

Notable Publications

Author	Pubmed ID	Journal	Application
Nagakatsu Harada	32451822	J Muscle Res Cell Motil	WB
Xinhua Hou	32480263	Food Chem	WB
Cornelius Mueller-Buehl	35721494	Front Cell Dev Biol	WB

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:

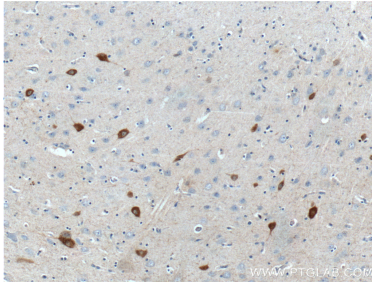
T: 4006900926

E: Proteintech-CN@ptglab.com

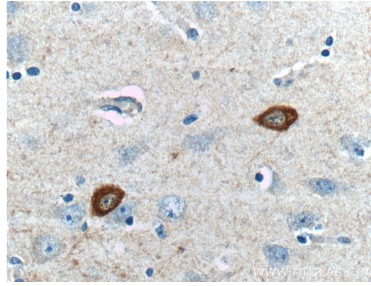
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 26521-1-AP (Parvalbumin antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 26521-1-AP (Parvalbumin antibody at dilution of 1:200 (under 40x lens).