

Parvalbumin/PVALB Rabbit pAb

Catalog No.: A13538 **4 Publications**

Basic Information

Observed MW

15kDa

Calculated MW

12kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5816

Swiss Prot

P20472

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human Parvalbumin (Parvalbumin (PVALB)) (NP_002845.1).

Synonyms

D22S749; Parvalbumin (PVALB)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

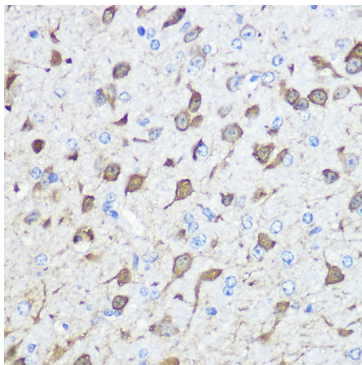
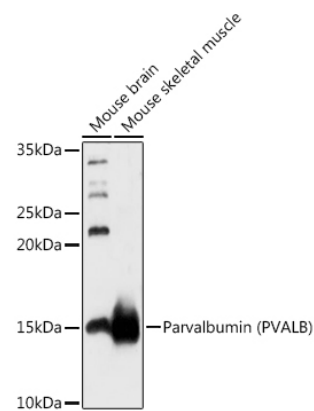
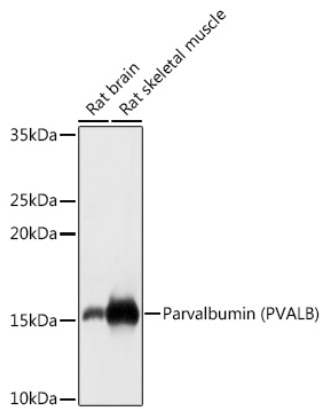
Affinity purification

Storage

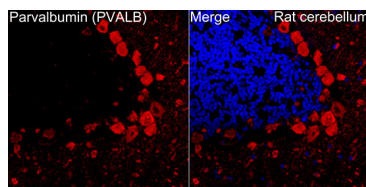
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophageal using Parvalbumin (PVALB) Rabbit pAb (A13538) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Rat cerebellum tissue using Parvalbumin (PVALB) Rabbit pAb(A13538) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.