

PVALB

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:400 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 12kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PVALB

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

D22S749;

Catalog #: A2791

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5816

Isotype: IgG

Swiss Prot: P20472

Purity: Affinity purification

For research use only.

Background:

Parvalbumin is a calcium-binding albumin protein with low molecular weight (typically 9-11 kDa). It has three EF hand motifs and is structurally related to calmodulin and troponin C. Parvalbumin is localised in fast-contracting muscles, where its levels are highest, and in the brain and some endocrine tissues. Parvalbumin is a small, stable protein containing EF-hand type calcium binding sites. It is involved in calcium signaling. Typically, this protein is broken into three domains, domains AB, CD and EF, each individually containing a helix-loop-helix motif.

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