

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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