

## 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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