

## PPP3R1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100 IP 1:20 - 1:50

**Calculated MW:**19kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PPP3R1

**Storage Buffer:**

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

**Concentration:**

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**Synonym:**

ALNB1; CNB; CNB1

**Catalog #:**A0954

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5534

**Isotype:**IgG

**Swiss Prot:**P63098

**Purity:**Affinity purification

For research use only.

**Background:**

Protein phosphatase 3 (PPP3, formerly PP2B, Calcineurin), a serine/ threonine protein phosphatase, is a heterodimer composed of one catalytic subunit (PPP3C, Calcineurin A) and one regulatory subunit (PPP3R, Calcineurin B). PPP3R has two isoforms, PPP3R1 and PPP3R2.

PPP3R1 is ubiquitously expressed in different tissues and is coded by the PPP3R1 gene which was mapped recently to human chromosome 2. PPP3R1 has four functional calcium-binding sites.

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