

## PPP2R1B

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 66kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human PPP2R1B

**Storage Buffer:**

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

**Synonym:**

PR65B; PP2A-Abeta;

**Catalog #:** A6703

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5519

**Isotype:** IgG

**Swiss Prot:** P30154

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes a beta isoform of the constant regulatory subunit A. Mutations in this gene have been associated with some lung and colon cancers. Alternatively spliced transcript variants have been described.

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