

## PPP2R2A

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

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

**Calculated MW:**52kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PPP2R2A

**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:**

B55-ALPHA; B55A; FLJ26613; MGC52248; PR52A; PR55A;

**Catalog #:**A2185

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5520

**Isotype:**IgG

**Swiss Prot:**P63151

**Purity:**Affinity purification

For research use only.

**Background:**

Protein phosphatase 2A subunit B isoform R2- (PPP2R2A) is the component of regulatory subunit B of serine/threonine protein phosphatase 2A (PP2A). PPP2R2A belongs to the R2/B55/PR55 family of regulatory subunit B (1). Evidence suggests that subunit PPP2R2A enhances TGF-, Activin, and Nodal signaling pathways (7) and may play an important role in cell cycle regulation (2-4). PPP2R2A/PP2A, B55-/PR55- isoform interacts with the type I TGF- receptors via unique WD-40 repeats (5) that contribute to the anti-proliferative function of TGF- receptors (6).

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