

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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