



PPP2R2APolyclonal Antibody

E92185

- Catalog Number:** E92185
- Amount:** 100ul
- Background:** Protein phosphatase 2A subunit B isoform R2- α (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- β , Activin, and Nodal signaling pathways (7) and may play an important role in cell cycle regulation (2-4). PPP2R2A/PP2A, B55- α /PR55- α isoform interacts with the type I TGF- β receptors via unique WD-40 repeats (5) that contribute to the anti-proliferative function of TGF- β receptors (6).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** B55-ALPHA; B55A; FLJ26613; MGC52248; PR52A; PR55A;
- Immunogen:** Recombinant protein of human PPP2R2A
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 52kDa
- Swiss-Prot No. :** P63151
- Gene ID:** 5520
- References:** 1. Li, H.H. et al. (2007) EMBO J 26, 402-11. 2. Mayer-Jaekel, R.E. et al. (1993) Cell 72, 621-33. 3. Clarke, P.R. et al. (1993) Mol Biol Cell 4, 397-411. 4. Healy, A.M. et al. (1991) Mol Cell Biol 11, 5767-80. 5. Neer, E.J. et al. (1994) Nature 371, 297-300. 6. Griswold-Prenner, I. et al. (1998) Mol Cell Biol 18, 6595-604. 7. Batut, J. et al. (2008) Development 135, 2927-37.

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