



PIN1 Polyclonal Antibody

E92106

- Catalog Number:** E92106
- Amount:** 100ul
- Background:** Pin1, a member of the parvulin family of peptidyl-prolyl isomerases (PPIase), has been implicated in the G2/M transition of the mammalian cell cycle (1-6). Pin1 is a small (18 kDa) protein with two distinct functional domains: an amino-terminal WW domain and a carboxy-terminal PPIase domain. Pin1 interacts with several mitotic phosphoproteins, including Plk1, cdc25C and cdc27, and is thought to act as a phosphorylation-dependent PPIase for these target molecules (7-9).
- 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:** DOD; UBL5;
- Immunogen:** Recombinant protein of human PIN1
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 18kDa
- Swiss-Prot No. :** Q13526
- Gene ID:** 5300
- References:** 1. Lu, P. J. et al. (1999) *Science* 283, 1325-1328. 2. Verdecia, M. A. et al. (2000) *Nat. Struct. Biol.* 7, 639-643. 3. Lu, K. P. et al. (1996) *Nature* 380, 544-547. 4. Zhou, X. Z. et al. (2000) *Mol. Cell* 6, 873-883. 5. Wu, X. et al. (2000) *EMBO J.* 19, 3727-3738. 6. Winkler, K. E. et al. (2000) *Science* 287, 1644-1647. 7. Crenshaw, D. G. et al. (1998) *EMBO J.* 17, 1315-1327. 8. Shen, M. et al. (1998) *Genes Dev.* 12, 706-720. 9. Yaffe, M. B. et al. (1997) *Science* 278, 1957-1960.

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