

**Anti-Human/Mouse/Rat Phospho-p27 (Thr187) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01649**

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3th Edition

**Description:** Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of CCND1-CDK4 complex activation. Acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichiometry.

**Antigen:** Synthesized peptide derived from human p27 around the phosphorylation site of Thr187

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Expressed in all tissues tested. Highest levels in skeletal muscle, lowest in liver and kidney.