

Anti-Human/Mouse/Rat Phospho-p27 (Ser10) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01605

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 Ser10

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.