
p27 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251260

Unit: 0.1 mg

Description:

Cyclin-dependent kinase inhibitor p27 (p27) is a regulator of cell cycle progression. p27 is involved in G1 arrest. P27 is a potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. P27 forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of CCND1-CDK4 complex activation. P27 acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichiometry. Defects in CDKN1B are the cause of multiple endocrine neoplasia type 4 (MEN4). Multiple endocrine neoplasia (MEN) syndromes are inherited cancer syndromes of the thyroid. MEN4 is a MEN-like syndrome with a phenotypic overlap of both MEN1 and MEN2.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, D, P, B, Ch, Mk

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: p27; Kip1; p27/kip1; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; p27Kip1; CDKN1B; KIP1

Accession No.: P46527

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p27.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.