

Phospho-CDKN1B/p27KIP1-T187 Rabbit pAb

Catalog No.: AP0328

Basic Information

Observed MW

26kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

1027

Swiss Prot

P46527

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

KIP1; MEN4; CDKN4; MEN1B; P27KIP1; Phospho-CDKN1B/p27KIP1-T187

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

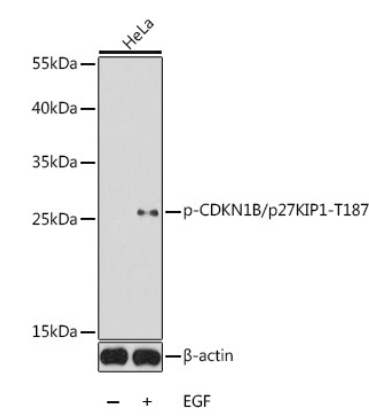
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-CDKN1B/p27KIP1-T187 Rabbit pAb (AP0328).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.