

Phospho-CDKN1B/p27KIP1-T187 Rabbit Polyclonal Antibody

CABP0328



Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

26kDa

Calculated MW:

22kDa

Applications:

WB IHC

Reactivity:

Human

Protein 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).

Immunogen information

Gene ID:

1027

Uniprot

P46527

Synonyms:

CDKN1B; CDKN4; KIP1; MEN1B; MEN4; P27KIP1; p27 KIP 1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

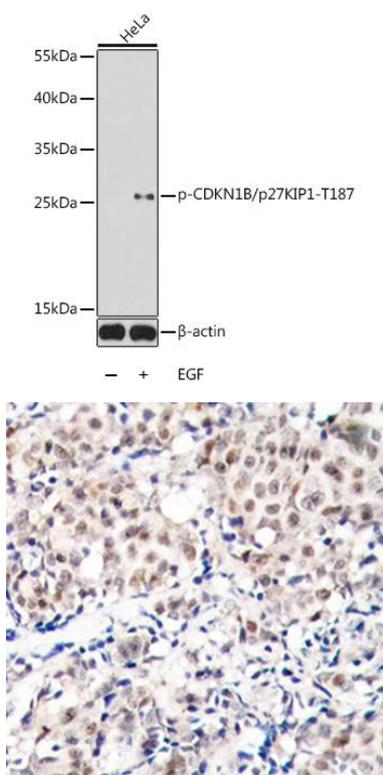
Immunogen:

A phospho specific peptide corresponding to residues surrounding T187 of human CDKN1B/p27KIP1

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts from HeLa cells, using Phospho-CDKN1B/p27KIP1-T187 antibody (CABP0328). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-CDKN1B/p27KIP1-T187 antibody (CABP0328).