

Product Information**Size:**

20uL, 50uL, 100uL, 200uL

Observed MW:

26kDa

Calculated MW:

22kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

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 IF 1:50 - 1:100**Source:**

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-198 of human CDKN1B/p27KIP1 (NP_004055.1).

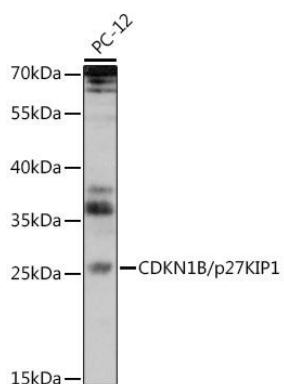
Storage:

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

Purification:

Affinity purification

Product Images



Western blot analysis of extracts of PC-12 cells, using CDKN1B/p27KIP1 antibody (CAB13613) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.