

Product Datasheet

p27 KIP 1 Antibody

Catalog No: CY5354

Reactivity: Human Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P46527

All Names: CDKN1B; CDN1B; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27 KIP1; CDKN4; MEN4;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 27 kDa

Application

WB: 1:500~1:2000

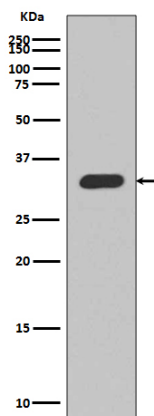
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

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.



Western blot analysis of p27 KIP 1 expression in MCF-7 cell lysate.

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