

A Reliable Research Partner in Life Science and Medicine

Recombinant p27 KIP 1 Monoclonal Antibody

catalog number: AN301021L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human p27 KIP 1 protein

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B772

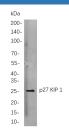
 Purification
 Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1:1000 **WB** 1:1000-1:5000

Data

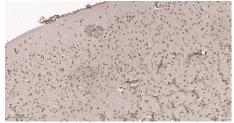


Western Blot with Recombinant p27 KIP 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.



Immunohistochemistry of paraffin-embedded human brain tissue using Recombinant p27 KIP 1 Monoclonal Antibody at dilution of 1:200.

Observed-MW:27 kDa Calculated-MW:27 kDa



Immunohistochemistry of paraffin-embedded mouse brain tissue using Recombinant p27 KIP 1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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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).

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