

CDKN2D Rabbit pAb

Catalog No.: A6556

Basic Information

Observed MW

18kDa

Calculated MW

18kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported.

Recommended Dilutions

WB 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

Immunogen Information

Gene ID

1032

Swiss Prot

P55273

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-166 of human CDKN2D (NP_001791.1).

Synonyms

p19; INK4D; p19-INK4D; CDKN2D

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

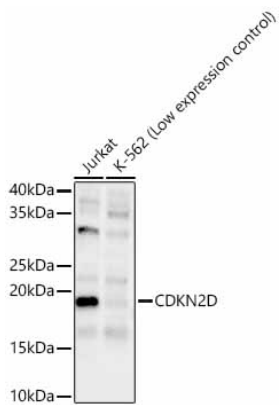
Affinity purification

Storage

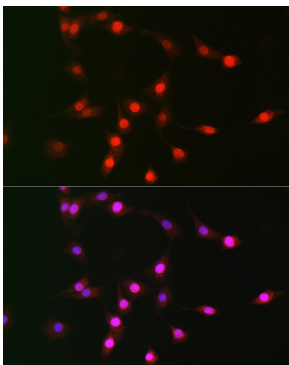
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using CDKN2D Rabbit pAb (A6556) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using CDKN2D Rabbit pAb (A6556) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.