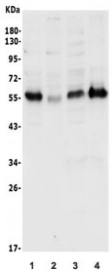
CDKN1C Antibody / p57 Kip2 (RQ5948)

Catalog No.	Formulation	Size
RQ5948	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P49918
Applications	Western blot: 0.5-1ug/ml
Limitations	This CDKN1C antibody is available for research use only.



Western blot testing of human 1) Jurkat, 2) HeLa, 3) SW620 and 4) Caco-2 lysate with CDKN1C antibody. Expected molecular weight ~57 kDa.

Description

Cyclin-dependent kinase inhibitor 1C (p57 Kip2), also known as CDKN1C, is a protein which in humans is encoded by the CDKN1C imprinted gene. It is mapped to 11p15.4. This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndorome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene.

Application Notes

Optimal dilution of the CDKN1C antibody should be determined by the researcher.

Immunogen

Amino acids AAIKKLSGPLISDFFAKRKR from the human protein were used as the immunogen for the CDKN1C antibody.

Storage

After reconstitution, the CDKN1C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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