

ARG41620 anti-CDKN1C / p57 Kip2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CDKN1C / p57 Kip2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CDKN1C / p57 Kip2
Species	Human
Immunogen	Synthetic peptide of Human CDKN1C / p57 Kip2.
Conjugation	Un-conjugated
Alternate Names	Cyclin-dependent kinase inhibitor p57; BWS; WBS; BWCR; KIP2; Cyclin-dependent kinase inhibitor 1C; p57; p57Kip2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 50 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

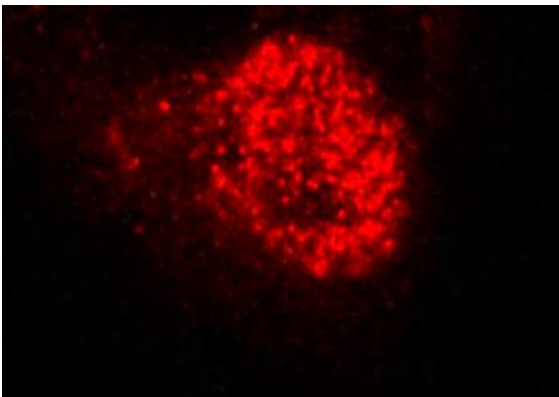
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

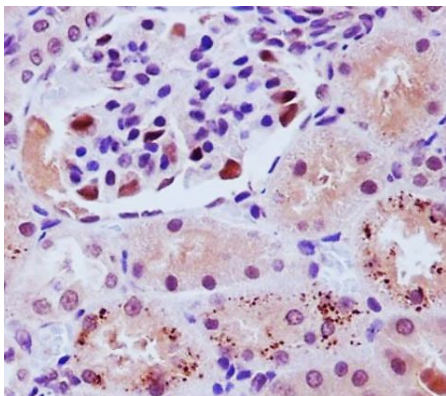
Gene Symbol	CDKN1C
Gene Full Name	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
Background	This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]
Function	Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life. [UniProt]
Calculated Mw	32 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG41620 anti-CDKN1C / p57 Kip2 antibody ICC/IF image

Immunofluorescence: HeLa cells treated with dexamethasone. Cells were stained with ARG41620 anti-CDKN1C / p57 Kip2 antibody.



ARG41620 anti-CDKN1C / p57 Kip2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat kidney tissue stained with ARG41620 anti-CDKN1C / p57 Kip2 antibody.



ARG41620 anti-CDKN1C / p57 Kip2 antibody WB image

Western blot: HeLa cell lysate stained with ARG41620 anti-CDKN1C / p57 Kip2 antibody.