Best Tools for immunology Research

p57kip2 (PT0280R) rabbit mAb

Catalog No :	YM7182
Reactivity :	Human;
Applications :	IHC; WB;; ELISA
Target :	p57
Fields :	>>Cell cycle
Gene Name :	CDKN1C
Protein Name :	Beckwith Wiedemann syndrome;BWCR;BWS;CDKI;CDKN 1C;CDKN1C;CDN1C_HUMAN;Cyclin dependent kinase inhibitor 1C;Cyclin dependent kinase inhibitor p57;Cyclin-dependent kinase inhibitor 1C;Cyclin-dependent ki
Human Swiss Prot No :	P49918
Mouse Swiss Prot No :	P49919
Immunogen :	Synthesized peptide derived from human p57kip2 AA range:200-316
Specificity :	This antibody detects endogenous levels of p57
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	35kD
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 syndorome, 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 : disease:Defects in CDKN1C are a cause of Beckwith-Wiedemann syndrome (BWS) [MIM:130650]. BWS is a genetically heterogeneous disorder characterized by anterior abdominal wall defects including exomphalos (omphalocele), pre- and postnatal overgrowth, and macroglossia. Additional less frequent complications include specific developmental defects and a predisposition to embryonal tumors.,disease:Defects in CDKN1C are involved in tumor formation.,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.,similarity:Belongs to the CDI family.,tissue specificity:Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. High levels ar

Subcellular Location : Nuclear

Expression : Placenta/ Kindey

Tag : recombinant

Sort : 999

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images