10320 Camino Santa Fe, Suite G
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p57 Kip2 Antibody
Rabbit mAb
Catalog # AP90293

Specification

p57 Kip2 Antibody - Product Information

Application	**WB, IHC, ICC, IP**
Primary Accession	P49918
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
BWCR; BWS; KIP2; WBS; p57; p57 Kip2; WBS ; CDKN1C; Cyclin dependent kinase inhibitor 1C

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**32177 Da**

p57 Kip2 Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human p57 Kip2**
Description	**p27 Kip1 is a member of the Cip/Kip family of cyclin-dependent kinase inhibitors. Like its relatives, p57 Kip2 and p21 Waf1/Cip1, the ability to enforce the G1 restriction point is derived from its inhibitory binding to CDK2/cyclin E and other CDK/cyclin complexes. Expression levels of p27 are upregulated in quiescent cells and in cells treated with cAMP or other negative cell cycle regulators.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

p57 Kip2 Antibody - Protein Information

Name CDKN1C

Synonyms KIP2

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.

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Cellular Location
Nucleus.

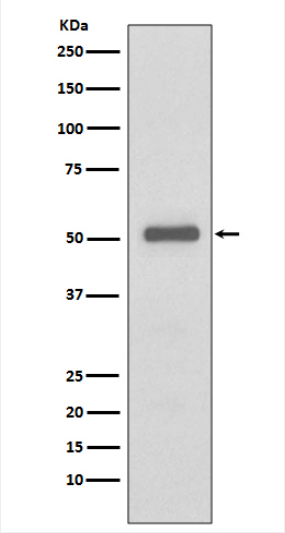
Tissue Location
Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. Expressed in the eye. High levels are seen in the placenta while low levels are seen in the liver

p57 Kip2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

p57 Kip2 Antibody - Images



Western blot analysis on HeLa cell using p57 Kip2 Antibody.