

**p57 Polyclonal Antibody**  
**Catalog # AP71728****Specification**

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**p57 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P49918</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**p57 Polyclonal Antibody - Additional Information****Gene ID** 1028**Other Names**CDKN1C; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57;  
p57Kip2**Dilution**WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not  
yet tested in other applications.

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**p57 Polyclonal 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.**Cellular Location**

Nucleus.

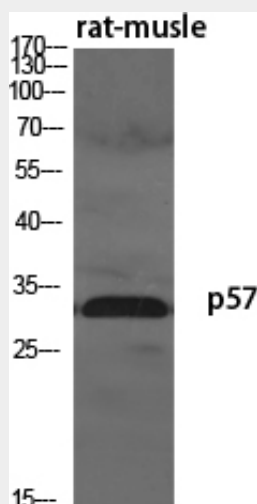
**Tissue Location**Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. Expressed in the  
eye. High levels are seen in the placenta while low levels are seen in the liver

## p57 Polyclonal Antibody - Protocols

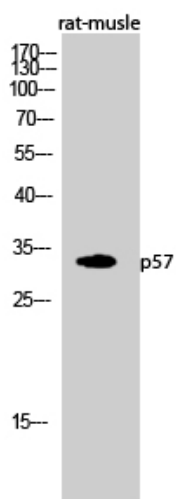
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## p57 Polyclonal Antibody - Images



Western Blot analysis of various cells using p57 Polyclonal Antibody diluted at 1:500



Western Blot analysis of rat-muscle cells using p57 Polyclonal Antibody diluted at 1:500

## p57 Polyclonal Antibody - Background

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-CDK2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.