

# p57 Polyclonal Antibody

Catalog # AP71729

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IF                 |
| <b>Primary Accession</b> | <a href="#">P49918</a> |
| <b>Reactivity</b>        | Human, Mouse           |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 32177                  |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 1028  |
| <b>Other Names</b>        | CDKN1C; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57Kip2                                      |
| <b>Dilution</b>           | WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. IF~~1:50~200 |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.   |
| <b>Storage Conditions</b> | -20°C   |

## Protein Information

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|--------------------------|--|
| <b>Name</b>              | CDKN1C   |
| <b>Synonyms</b>          | KIP2   |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Nucleus.   |
| <b>Tissue Location</b>   | 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   |

## Background

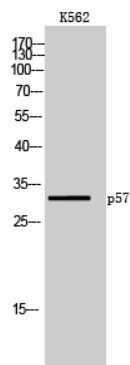
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Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin

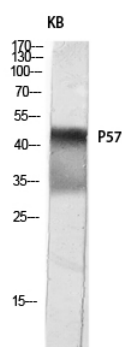
A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non- proliferative state throughout life.

## Images

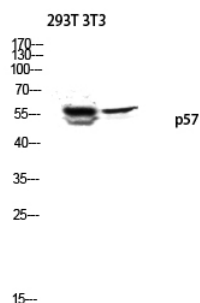
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Western Blot analysis of K562 cells using p57 Polyclonal Antibody diluted at 1 : 1000



Western blot analysis of KB lysis using p57 antibody. Antibody was diluted at 1:1000



Western blot analysis of 293T 3T3 lysis using p57 antibody. Antibody was diluted at 1:1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.