10320 Camino Santa Fe, Suite G
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p57 Polyclonal Antibody
Catalog # AP71729

Specification

p57 Polyclonal Antibody - Product Information

Application	**WB, IF**
Primary Accession	P49918
Reactivity	**Human, Mouse**
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. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
IF~~1:50~200

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

Storage Conditions
-20℃

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

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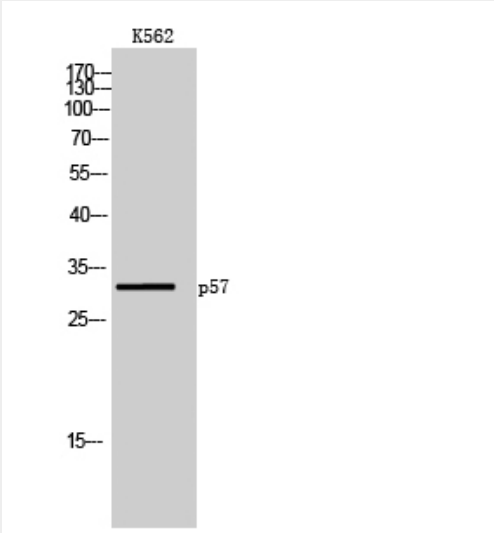
p57 Polyclonal Antibody - Protocols

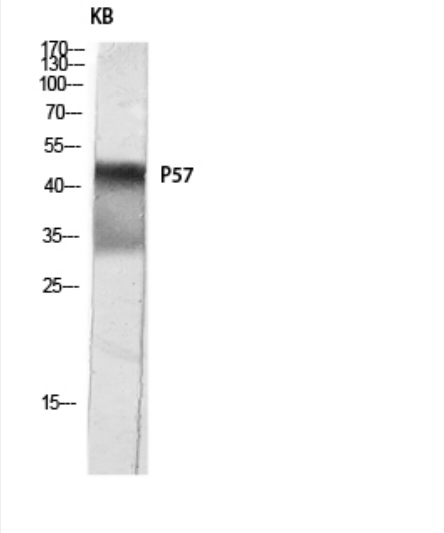
Provided below are standard protocols that you may find useful for product applications.

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

p57 Polyclonal Antibody - Images



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

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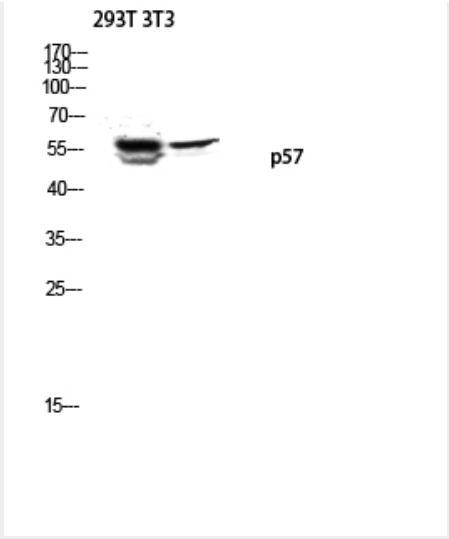

Western blot analysis of 293T 3T3 lysis using p57 antibody. Antibody was diluted at 1:1000

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-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non- proliferative state throughout life.