

p21 Rabbit pAb

CatalogNo: YT3497

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 21kD (Observed)

Isotype

- IgG

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Recommended Dilution Ratios

IF 1:50-200

WB 1:500-1:2000

ELISA 1:20000

Not yet tested in other applications

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human p21 Cip1.
AA range:111-160

Specificity

p21 Polyclonal Antibody detects endogenous levels of p21 protein.

| Target Information

Gene name CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1

Protein Name Cyclin-dependent kinase inhibitor 1

Organism	Gene ID	UniProt ID
Human	1026;	P38936;
Mouse	12575;	P39689;

Cellular Localization Cytoplasm . Nucleus .

Tissue specificity Expressed in all adult tissues , with 5-fold lower levels observed in the brain.

Function Function:May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity , preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression. ,induction:By p53 , mezerein (antileukemic compound) and interferon beta. ,PTM:Phosphorylation of Thr-145 by Akt or of Ser-146 by PKC impairs binding to PCNA. ,similarity:Belongs to the CDI family. ,tissue specificity:Expressed in all adult human tissues , with 5-fold lower levels observed in the brain. ,

| Validation Data

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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p21 Rabbit pAb

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