**German Research Products - GRP GmbH** 

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

## **Product Datasheet**

## P21 Polyclonal Antibody GRP599

**Description** May be the important intermediate by which p53/TP53 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. Functions in the nuclear localization and assembly of cyclin D-CDK4 complex and promotes its kinase activity towards RB1. At higher stoichiometric ratios, inhibits the kinase activity of the cyclin D-CDK4 complex.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ICC, IF, IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human P21

(public\_immunogen\_range: 13-41/164)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

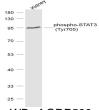
**Clonality** Polyclonal

**Purity** Purified by Protein A.

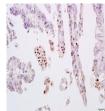
Uniprot ID P38936

Entrez 1026

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400, IF: 1:50-200



WB of GRP599



IHC-P of GRP599