

PACO33608

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## Product Information

**Size:**

50ug

**Reactivity:**

Rat, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Prevents CDK7 kinase activity when associated to CAK complex in response to DNA damage, thus stopping cell cycle progression. By similarity. Interacts with GRK5.

**Gene ID:**

Tp53

**Uniprot**

P10361

**Synonyms:**

Cellular tumor antigen p53 (Tumor suppressor p53), Tp53, P53

**Immunogen:**

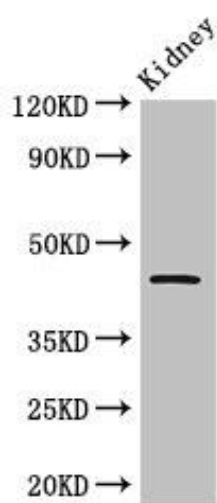
Recombinant Rat Cellular tumor antigen p53 protein (1-391AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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### Western Blot

Positive WB detected in: Mouse kidney tissue

All lanes: Tp53 antibody at 2.5 $\mu$ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa