



## P53 (Acetyl-Lys372) Antibody

### Antibody

#15082

**Catalog Number:** 15082-1, 15082-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P04637

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized peptide derived from Human p53 around the acetylation site of Lysine372.

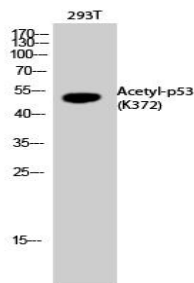
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** p53 (Acetyl-Lys372) Antibody detects endogenous levels of p53 protein only when acetylated at Lys372.

**Reactivity:** Human

#### Applications:

Predicted MW: 53kd      WB:1:500~1:2000      IHC:1:50-100



Western Blot analysis of 293T cells using

Acetyl-p53 (K372) Antibody

**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. Implicated in Notch signaling cross-over