

**p53 polyclonal antibody**

Catalog: BZ16452

Host: Rabbit

Reactivity: Human, Mouse, Rat, Monkey

**BackGround:**

Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 44 kDa; Observed MW: 53 kDa

**Swiss-Prot:**

P04637

**Purification&Purity:**

Affinity Purified

**Applications:**

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

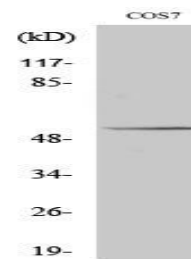
ELISA: 1/10000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of p53 in COS7 lysates using p53 antibody.

Western blot analysis of p53 in Jurkat lysates using p53 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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