

p53 (Acetyl Lys372) Polyclonal Antibody

Description

| | |
|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-AP06800 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized Acetyl-peptide derived from human p53 around the Acetylation site of Lys372. AA range:331-380 |
| Mol wt | 43653 |
| Species reactivity | Human |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | p53 (Acetyl Lys372) Antibody |
| Synonyms | TP53; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TP53 encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. Tumor protein p53 responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in TP53 are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of TP53 and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277).

Recommended Dilution

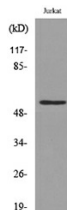
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

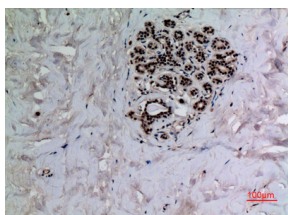
ELISA: 1: 20000

Not yet tested in other applications.

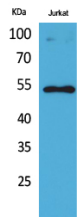
Images



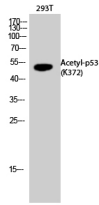
Western blot analysis of lysate from Jurkat cells, using p53 (Acetyl-Lys372) Antibody.



Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100



Western Blot analysis of Jurkat cells using Acetyl-p53 (K372) Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western Blot analysis of 293T cells using Acetyl-p53 (K372) Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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