

## p53 (Acetyl Lys320) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06798
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized acetyl-peptide derived from the human p53 around the acetylation site of K320.
<b>Mol wt</b>	43653
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	p53 (Acetyl Lys320) Antibody
<b>Synonyms</b>	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).

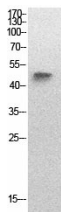
### Recommended Dilution

WB: 1: 500 - 1: 2000

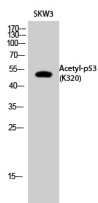
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of SKW3 cells using Acetyl-p53 (K320) Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of SKW3 cells using Acetyl-p53 (K320) Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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