

## p53 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP11733
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human P53. at AA range: 350-390
Mol wt	N/A
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	P53
Synonyms	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

This gene encodes a tumor suppressor protein containing transcriptional activation| DNA binding| and oligomerization domains. The encoded protein 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 this gene are associated with a variety of human cancers| including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene 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).

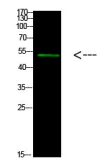
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of 1, mouse-lung cells using primary antibody diluted at 1:1000 (4°C overnight). Secondary antibody: Goat Anti-rabbit IgG IRDye 800 (diluted at 1:5000, 25°C, 1 hour)

### Storage

-20°C for 1 year