

Anti-P53 Polyclonal Antibody

Cat: K107940P

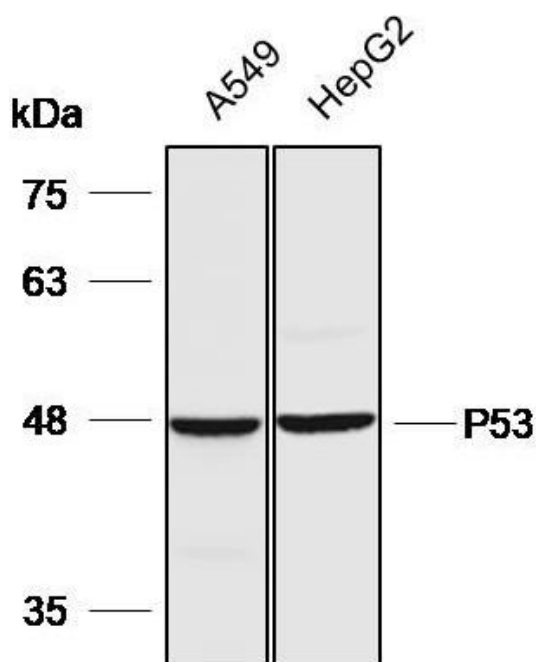
Summary:

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| 【Product name】 : Anti-P53 antibody | 【Source】 : Rabbit |
| 【Isotype】 : IgG | 【Species reactivity】 : Human Mouse Rat |
| 【Swiss Prot】 : P04637 | 【Gene ID】 : 7157 |
| 【Calculated】 : MW:23/30/34/38/44kDa | 【Observed】 : MW:48kDa |
| 【Purification】 : Affinity purification | |
| 【Tested applications】 : WB IHC | |
| 【Recommended dilution】 : WB 1:1000-3000. IHC 1:100-300. | |
| 【WB Positive sample】 : A549,HepG2 | |
| 【IHC Positive sample】 : Human colorectal cancer | |
| 【Subcellular location】 : Nucleus | |
| 【Immunogen】 : A synthetic peptide of human P53 | |
| 【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C | |

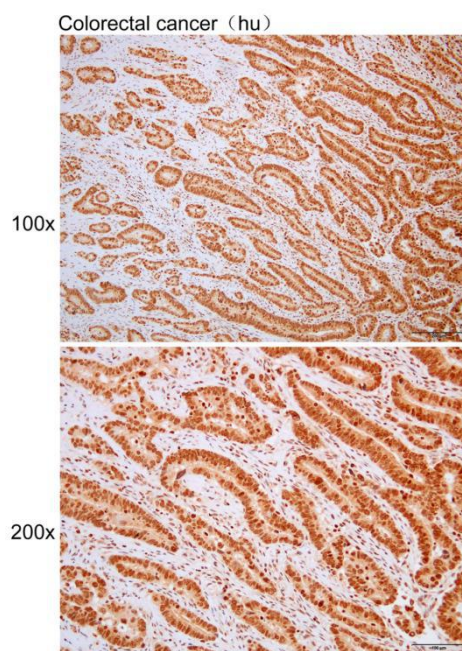
Background:

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 from identical transcript variants.

Verified picture



Western blot analysis with P53 antibody diluted at 1:2000; Lane: A549, HepG2



Immunohistochemistry of paraffin-embedded Human colorectal cancer with P53 antibody diluted at 1:200