

## Rabbit anti-Human p53 Polyclonal Antibody | anti-p53 antibody

Rabbit anti-p53 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA220047 | Rabbit | Human      | Immunohistochemistry, Western Blot |

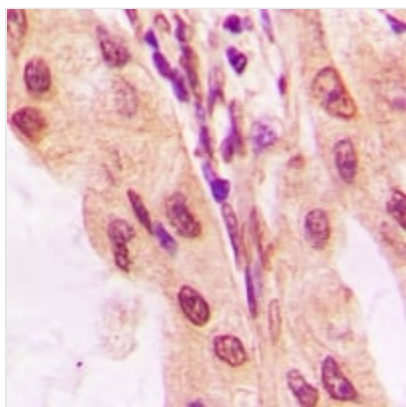
### PRODUCT SYNONYMS

p53; Polyclonal Antibody; Rabbit anti-p53 Antibody; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; anti-p53 antibody

### PRODUCT SPECIFICATIONS

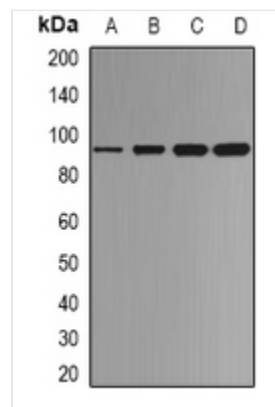
|                                               |                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                             |
| Reactivity                                    | Human                                                                                                                              |
| Clonality                                     | Polyclonal                                                                                                                         |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                    |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                          |
| Concentration                                 | 1mg/mL (varies by lot)                                                                                                             |
| Applicable Applications for anti-p53 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                      |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p53. The exact sequence is proprietary. |
| Preparation and Storage                       | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                          |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of p53 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of p53 expression in Hela (A), HEK293T (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Product Categories/Family for anti-p53 antibody | Primary antibodies |
|-------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 120407068                                                                                                                 |
| NCBI GeneID                      | 7157                                                                                                                      |
| NCBI Accession #                 | NP_000537.3                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_000546.5                                                                                                               |
| UniProt Accession #              | P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98                            |
| Molecular Weight                 | 43,653 Da                                                                                                                 |
| NCBI Official Full Name          | cellular tumor antigen p53 isoform a                                                                                      |
| NCBI Official Synonym Full Names | tumor protein p53                                                                                                         |
| NCBI Official Symbol             | TP53                                                                                                                      |
| NCBI Official Synonym Symbols    | P53; BCC7; LFS1; TRP53                                                                                                    |
| NCBI Protein Information         | cellular tumor antigen p53; antigen NY-CO-13; phosphoprotein p53; p53 tumor suppressor; transformation-related protein 53 |
| UniProt Protein Name             | Cellular tumor antigen p53                                                                                                |
| UniProt Gene Name                | TP53                                                                                                                      |
| UniProt Synonym Gene Names       | P53                                                                                                                       |
| UniProt Entry Name               | P53_HUMAN                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/p53-antibody-immunohistochemistry-western-blot-elisa/220047>