

## Rabbit p53 (pS315) Polyclonal Antibody | anti-TP53 antibody

Anti-p53 (pS315) Phospho Antibody

| CATALOG # | HOST   | REACTIVITY         | APPLICATIONS                                                                                     |
|-----------|--------|--------------------|--------------------------------------------------------------------------------------------------|
| AAA104599 | Rabbit | Human, Rat, Monkey | Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

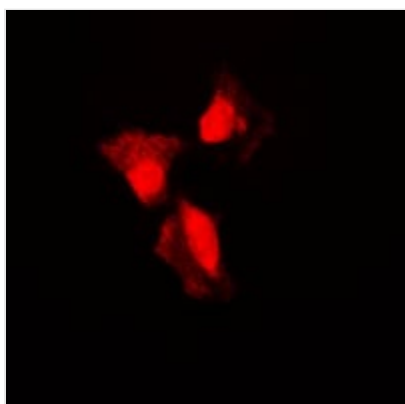
### PRODUCT SYNONYMS

p53 (pS315); Polyclonal Antibody; Anti-p53 (pS315) Phospho Antibody; P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; anti-TP53 antibody

### PRODUCT SPECIFICATIONS

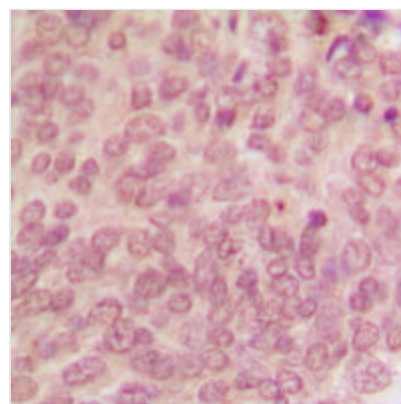
|                                                |                                                                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                             |
| Reactivity                                     | Human, Rat, Monkey                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                         |
| Specificity                                    | Recognizes endogenous levels of p53 (pS315) protein.                                                                               |
| 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.                          |
| Sequence Length                                | 393                                                                                                                                |
| Applicable Applications for anti-TP53 antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), 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                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                     |

### IMAGES



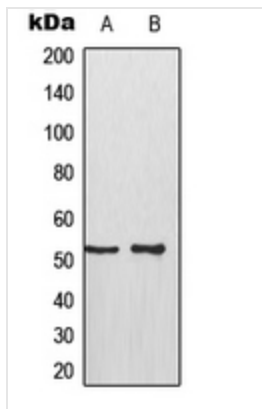
#### IF (Immunofluorescence)

Immunofluorescent analysis of p53 (pS315) staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of p53 (pS315) staining in human breast 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 (pS315) expression in HeLa (A), A431 (B) whole cell lysates.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-TP53 antibody

Rabbit polyclonal antibody to p53 (pS315)

### 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                 | 24,401 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; tumor protein 53; phosphoprotein p53; p53 tumor suppressor; mutant tumor protein 53; transformation-related protein 53 |
| UniProt Protein Name             | Cellular tumor antigen p53                                                                                                                                           |
| UniProt Gene Name                | <b>TP53</b>                                                                                                                                                          |
| 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://stage.aaabiotech.com/polyclonal/p53-ps315-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104599>