

## Sheep p53 Polyclonal Antibody | anti-p53 antibody

p53

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                                                                                     |
|-----------|-------|-------------------|--------------------------------------------------------------------------------------------------|
| AAA60499  | Sheep | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot |

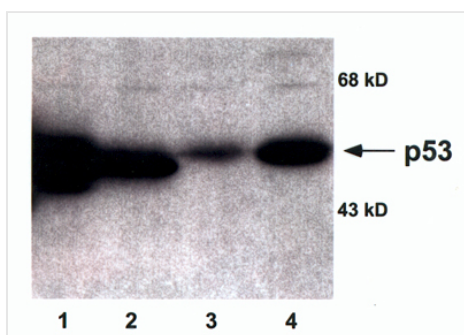
### PRODUCT SYNONYMS

p53; Polyclonal Antibody; Sheep anti human p53; hp53; anti-p53 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                              |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|
| Host                                          | Sheep                                                                                        |
| Reactivity                                    | Human, Mouse, Rat                                                                            |
| Clonality                                     | Polyclonal                                                                                   |
| Isotype                                       | IgG                                                                                          |
| Purity/Purification                           | Ammonium Sulfate Precipitation                                                               |
| Form/Format                                   | Provided as solution in phosphate buffered saline with 0.08% sodium azide                    |
| Sequence Length                               | 393                                                                                          |
| Applicable Applications for anti-p53 antibody | IS (Immunostaining), IP (Immunoprecipitation), WB (Western Blot)                             |
| Immunogen                                     | GST p53 fusion protein containing amino acids 1-393 of human p53                             |
| Source Note                                   | Sheep were immunized with a GST-p53 fusion protein containing amino acids 1-393 of human p53 |
| Preparation and Storage                       | Stored at -20°C. Aliquot to avoid freeze/thaw cycles                                         |

### IMAGES



#### WB (Western Blot)

Each lane contains 50ug of total cellular protein separated by 10% SDS-PAGE. (1) Murine mutant p53; (2) murine wild-type p53; (3) wild-type p53 protein from human colorectal carcinoma cells (RKO); (4) elevated levels of human p53 protein following treatment of RKO cells with adriamycin (0.2 μM).

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-p53 antibody | P53 is a transcription factor with a molecular weight of 53kDa that can inhibit cell cycle progression or induce apoptosis in response to stress or DNA damage. Disruption of the p53 signalling pathway through various mechanisms is the most common alteration in human cancer occurring in over half of all tumors. The p53 protein is short lived and expressed at low levels in normal cells but accumulates and/or is activated in cells that have undergone genotoxic damage or oncogene activation. Many tumor derived and transformed cell lines express elevated levels of mutant p53 protein. |
| Product Categories/Family for anti-p53 antibody   | Polyclonal Antibody; p53; and Related/Induced Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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                            |
| 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://stage.aaabiotech.com/polyclonal/p53-antibody-immunostaining-immunoprecipitation-western-blot-elisa/60499>