

## Rabbit Tumor protein p73 Polyclonal Antibody | anti-TP73 antibody

Anti-p73 Antibody

| CATALOG # | HOST   | REACTIVITY                                                  | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------|------------------------------------|
| AAA46016  | Rabbit | Human, Mouse, Rat. No cross reactivity with other proteins. | Immunohistochemistry, Western Blot |

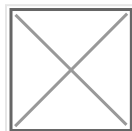
### PRODUCT SYNONYMS

Tumor protein p73; Polyclonal Antibody; Anti-p73 Antibody; p53 like transcription factor antibody; p53 Related Protein antibody; p53-like transcription factor antibody; p53-related protein antibody; p73 antibody; P73\_HUMAN antibody; TP 73 antibody; TP73 antibody; Tumor Protein p73 antibody; tumor protein p73; anti-TP73 antibody

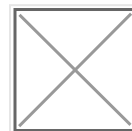
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                               |
| Reactivity                                     | Human, Mouse, Rat. No cross reactivity with other proteins.                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                                                                           |
| Isotype                                        | IgG                                                                                                                                                                                                  |
| Purity/Purification                            | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                    | Lyophilized<br>Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                   |
| Sequence Length                                | 587                                                                                                                                                                                                  |
| Applicable Applications for anti-TP73 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                        |
| Reconstitution                                 | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                 |
| Immunogen                                      | E.coli-derived human p73 recombinant protein (Position: M1-E198). Human p73 shares 96% amino acid (aa) sequence identity with mouse p73.                                                             |
| Preparation and Storage                        | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

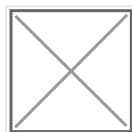
### IMAGES



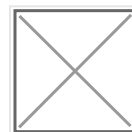
**IHC (Immunohistochemistry)**  
Anti- p73 antibody, AAA46016, IHC(P)IHC(P): Mouse Intestine Tissue



**IHC (Immunohistochemistry)**  
Anti- p73 antibody, AAA46016, IHC(P)IHC(P): Rat Brain Tissue



**IHC (Immunohistochemistry)**  
Anti- p73 antibody, AAA46016, IHC(P)IHC(P): Human Intestinal Cancer Tissue



**WB (Western Blot)**  
Anti- p73 antibody, AAA46016, Western blottingAll lanes: Anti p73 (AAA46016) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 73KDObserved bind size: 73KD



#### WB (Western Blot)

Anti- p73 antibody, AAA46016, Western blottingAll lanes: Anti p73 (AAA46016) at 0.5ug/mlWB: Recombinant Human p73 Protein 0.5ngPredicted bind size: 45KDObserved bind size: 45KD

### ADDITIONAL INFORMATION

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|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-TP73 antibody</b> | <p><b>Description:</b> Rabbit IgG polyclonal antibody for Tumor protein p73(TP73) detection. Tested with WB, IHC-P in Human;Mouse;Rat.</p> <p><b>Background:</b> p73, also known as tumor protein 73(TP73), encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It is mapped to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Furthermore, recent finding are suggesting that over-expression of transcription factors involved in cell cycle regulation and synthesis of DNA in mammalian cells (e.g.: E2F-1) induces the expression of p73. In addition, p73 is a substrate of the c-Abl kinase and that the ability of c-Abl to phosphorylate p73 is markedly increased by gamma-irradiation.</p> |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 187828902                                                                                      |
| NCBI GeneID                      | 7161                                                                                           |
| NCBI Accession #                 | NP_001119712.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001126240.2                                                                                 |
| UniProt Accession #              | O15350; O15351; Q17RN8; Q5TBV5; Q5TBV6; Q8NHW9; Q8TDY5; Q8TDY6; B7Z7J4; B7Z8Z1; B7Z9C1; C9J521 |
| Molecular Weight                 | 61,694 Da                                                                                      |
| NCBI Official Full Name          | tumor protein p73 isoform b                                                                    |
| NCBI Official Synonym Full Names | tumor protein p73                                                                              |
| NCBI Official Symbol             | TP73                                                                                           |
| NCBI Official Synonym Symbols    | P73                                                                                            |
| NCBI Protein Information         | tumor protein p73; p53-related protein; p53-like transcription factor                          |
| UniProt Protein Name             | Tumor protein p73                                                                              |
| UniProt Gene Name                | TP73                                                                                           |
| UniProt Synonym Gene Names       | P73                                                                                            |
| UniProt Entry Name               | P73_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tumor-protein-p73-antibody-immunohistochemistry-western-blot-elisa/46016>