Datasheet for ABIN3029401
anti-Tumor Protein p73 antibody (AA 1-198)

## 7 Images



## Overview

| Quantity: | $100 \mu \mathrm{~g}$ |
| :--- | :--- |
| Target: | Tumor Protein p73 (TP73) |
| Binding Specificity: | AA 1-198 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Tumor Protein p73 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Immunogen: | Human partial recombinant protein (1-198) was used as the immunogen for this p73 antibody. |
| :--- | :--- |
| Isotype: | Ig Fraction |
| Purification: | Antigen affinity |
| Target Details | Tumor Protein p73 (TP73) |
| Target: | p73 (TP73 Products) |
| Alternative Name: | Tumor protein 73(TP73), encodes a member of the p53 family of transcription factors involved <br> that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple |
| Background: | tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely |

## Target Details

|  | from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. <br> 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 the protein. In addition, p73 is a substrate of the c-Abl kinase and that the ability of c-Abl to phosphorylate it is markedly increased by gamma-irradiation. |
| :---: | :---: |
| Gene ID: | 7161 |
| Pathways: | Regulation of Cell Size, Positive Regulation of Response to DNA Damage Stimulus |
| Application Details |  |
| Application Notes: | The stated application concentrations are suggested starting points. Titration of the p73 antibody may be required due to differences in protocols and secondary/substrate sensitivity. $\$. Western blot: $0.5-1 \mu \mathrm{~g} / \mathrm{mL}, \mathrm{HCC}$ (Paraffin): $0.5-1 \mu \mathrm{~g} / \mathrm{mL}$ |
| Restrictions: | For Research Use only |
| Handling |  |
| Buffer: | $0.5 \mathrm{mg} / \mathrm{mL}$ if reconstituted with 0.2 mL sterile DI water |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | After reconstitution, the p 73 antibody can be stored for up to one month at $4^{\circ} \mathrm{C}$. For long-term, aliquot and store at $-20^{\circ} \mathrm{C}$. Avoid repeated freezing and thawing. |
| Images |  |



## Immunohistochemistry

Image 1. IHC-P: p73 antibody testing of human intestinal cancer tissue


## Immunohistochemistry

Image 2. IHC-P: p73 antibody testing of mouse intestine tissue


## Western Blotting

Image 3. Western blot testing of p73 antibody and Lane 1:

Please check the product details page for more images. Overall 7 images are available for ABIN3029401.

