

Datasheet for ABIN3029400

anti-Tumor Protein p73 antibody (AA 288-317)**6** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Tumor Protein p73 (TP73)
Binding Specificity:	AA 288-317
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tumor Protein p73 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 288-317 from the human protein was used as the immunogen for this p73 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Tumor Protein p73 (TP73)
Alternative Name:	p73 (TP73 Products)
Background:	TP73 is tumor protein p73, which is a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include p53,

Target Details

p63, and p73 and have high sequence similarity to one another, which allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways involving direct or indirect protein interactions, resulting in regulation of the same target gene promoters or regulation of each other's promoters. The p73 protein is expressed at very low levels in normal tissues and is differentially expressed in a number of tumors.

UniProt: [O15350](#)

Pathways: [Regulation of Cell Size](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Titration of the p73 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

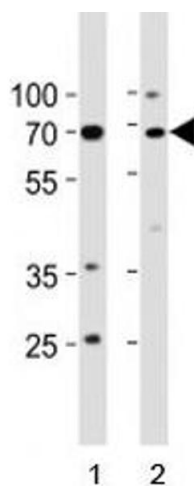
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

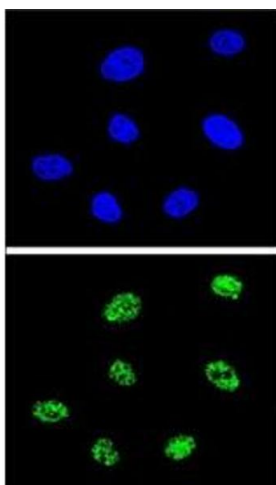
Storage: -20 °C

Storage Comment: Aliquot the p73 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



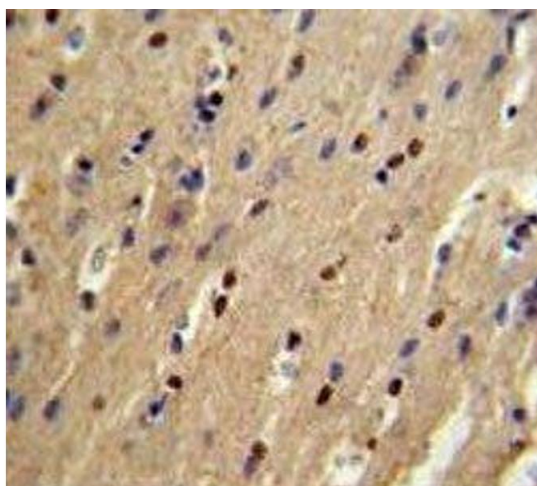
Western Blotting

Image 1. p73 antibody western blot analysis in 1) human K562 cell line and 2) mouse brain tissue lysate.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of p73 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Immunohistochemistry

Image 3. p73 antibody IHC analysis in formalin fixed and paraffin embedded mouse brain.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3029400.