

Datasheet for ABIN652829

anti-Tumor Protein p73 antibody (AA 288-317)[Go to Product page](#)**4** Images

Overview

Quantity:	400 µL
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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This TP73 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-317 amino acids from the Central region of human TP73.
Clone:	RB21274
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Tumor Protein p73 (TP73)
Alternative Name:	TP73 (TP73 Products)

Target Details

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, 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.

Molecular Weight: 69623

Gene ID: 7161

NCBI Accession: [NP_001119712](#), [NP_001119713](#), [NP_001119714](#), [NP_001191113](#), [NP_001191114](#), [NP_001191115](#), [NP_001191117](#), [NP_001191118](#), [NP_001191119](#), [NP_001191120](#), [NP_001191121](#), [NP_005418](#)

UniProt: [O15350](#)

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

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

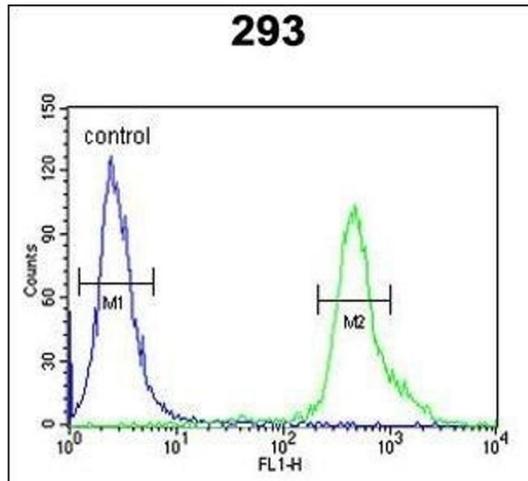
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

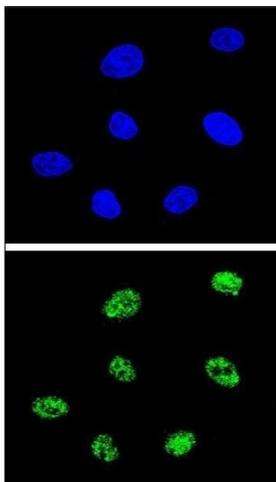
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



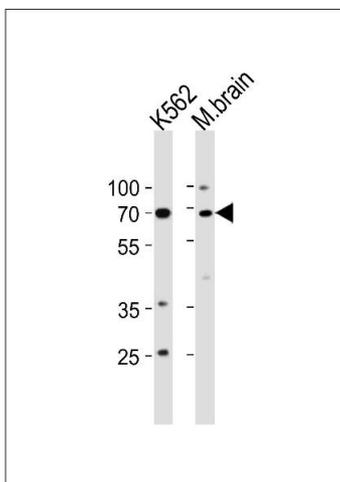
Flow Cytometry

Image 1. TP73 Antibody (Center) (ABIN652829 and ABIN2842541) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of TP73 Antibody (Center) (ABIN652829 and ABIN2842541) with 293 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. TP73 Antibody (Center) (ABIN652829 and ABIN2842541) western blot analysis in K562 cell line and mouse brain tissue lysates (35 µg/lane). This demonstrates the TP73 antibody detected the TP73 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652829.