



Datasheet for ABIN7101487  
**anti-Tumor Protein p73 antibody**



[Go to Product page](#)

4 Images

### Overview

Quantity:	20 µL
Target:	Tumor Protein p73 (TP73)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Tumor Protein p73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	A synthesized peptide derived from human p73.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	Tumor Protein p73 (TP73)
Alternative Name:	p73 ( <a href="#">TP73 Products</a> )
Background:	This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is

## Target Details

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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. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined.,TP73, P73, tumor protein p73,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Apoptosis,Hippo Signaling Pathway,p73

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Molecular Weight: 70 kDa

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Gene ID: 7161

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UniProt: [O15350](#)

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

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

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Restrictions: For Research Use only

## Handling

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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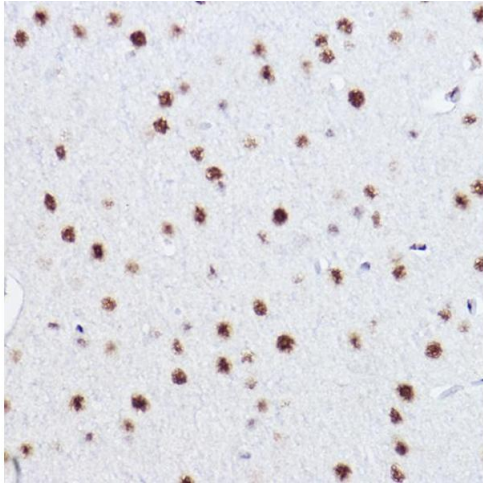
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

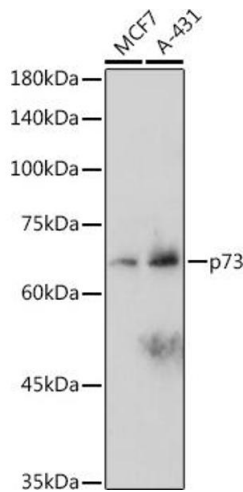
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



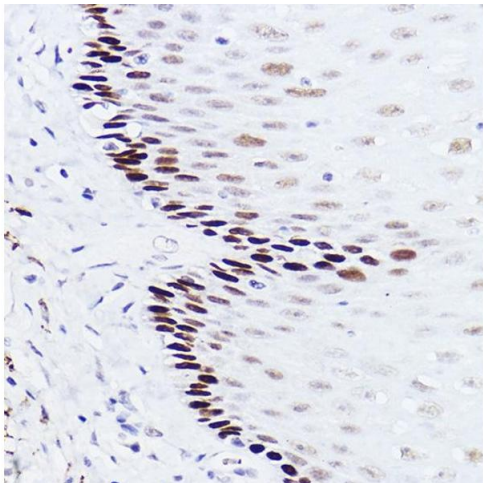
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat brain using p73 Rabbit mAb (ABIN1678945, ABIN1678944, ABIN7101487 and ABIN7101488) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using p73 antibody (ABIN1678945, ABIN1678944, ABIN7101487 and ABIN7101488) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human esophageal using p73 Rabbit mAb (ABIN1678945, ABIN1678944, ABIN7101487 and ABIN7101488) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7101487.