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Datasheet for ABIN6149430

## anti-Tumor Protein p73 antibody (AA 1-100)

### 4 Images

#### Overview

Quantity:	100 µL
Target:	Tumor Protein p73 (TP73)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tumor Protein p73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

#### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human TP73 (NP_005418.1).
Sequence:	MAQSTATSPD GGTTFEHLWS SLEPDSTYFD LPQSSRGNNE VGGTDSSMD VFHLEGMTTS VMAQFNLLSS TMDQMSSRAA SASPYTPEHA ASVPTHSPYA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

#### Target Details

Target:	Tumor Protein p73 (TP73)
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## Target Details

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Alternative Name:	TP73 ( <a href="#">TP73 Products</a> )
Background:	<p>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 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,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Cancer,Tumor suppressors,p53 pathway,Cell Biology &amp; Developmental Biology,Apoptosis,Hippo Signaling Pathway,TP73</p>
Molecular Weight:	38- 69 kDa
Gene ID:	7161
UniProt:	<a href="#">O15350</a>
Pathways:	<a href="#">Regulation of Cell Size</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

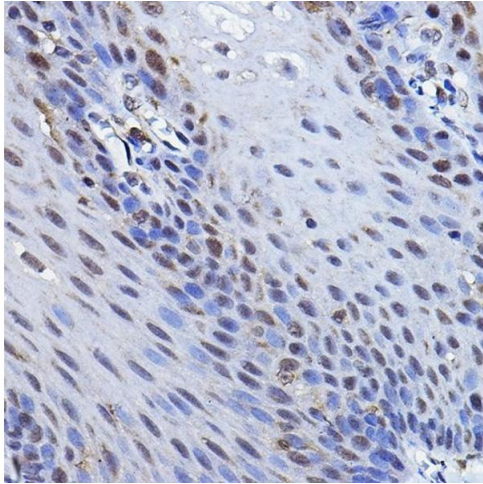
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

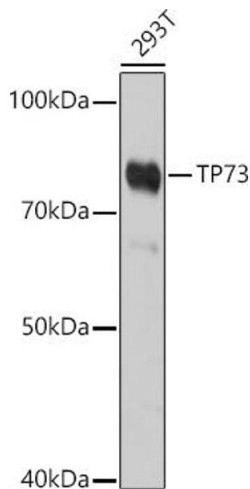
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



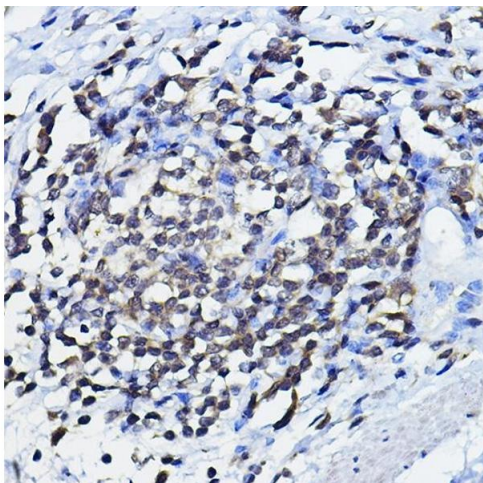
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human esophageal using TP73 Rabbit pAb (ABIN6133470, ABIN6149430, ABIN6149431 and ABIN6213831) 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 293T cells, using TP73 antibody (ABIN6133470, ABIN6149430, ABIN6149431 and ABIN6213831) 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 lymph node using TP73 Rabbit pAb (ABIN6133470, ABIN6149430, ABIN6149431 and ABIN6213831) 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 ABIN6149430.