

Rabbit anti-Human, mouse TP73 Polyclonal Antibody | anti-TP73 antibody

TP73 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290120	Rabbit	Human, mouse	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TP73; Polyclonal Antibody; TP73 Antibody (Center); Tumor protein p73; p53-like transcription factor; p53-related protein; P73; anti-TP73 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	288-317
Sequence Length	555
Applicable Applications for anti-TP73 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

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



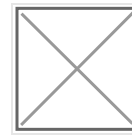
FCM/FACS (Flow Cytometry)

TP73 Antibody (Center) 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.



IHC (Immunohistochemistry)

TP73 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded mouse brain followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TP73 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TP73 antibody	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.
Product Categories/Family for anti-TP73 antibody	Crown Antibodies ; Cancer ; Cell Biology
References	Mai,M., et.al., Genomics 51 (3), 359-363 (1998) Mai,M., et.al., Oncogene 17 (13), 1739-1741 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	187828902
NCBI GeneID	7161
NCBI Accession #	NP_001119712.1 ; NP_001119713.1 ; NP_001119714.1 ; NP_001191113.1 ; NP_001191114.1 ; NP_001191115.1 ; NP_001191117.1 ; NP_001191118.1 ; NP_001191119.1 ; NP_001191120.1 ; NP_001191121.1 ; NP_005418.1
NCBI GenBank Nucleotide #	NM_001126240.2
UniProt Accession #	O15350 ; O15351 ; Q17RN8 ; Q5TBV5 ; Q5TBV6 ; Q8NHW9 ; Q8TDY5 ; Q8TDY6 ; B7Z7J4 ; B7Z8Z1 ; B7Z9C1 ; C9J521
Molecular Weight	69623
NCBI Official Full Name	tumor protein p73 isoform b
NCBI Official Synonym Full Names	tumor protein p73
NCBI Official Symbol	TP73
NCBI Official Synonym Symbols	P73
NCBI Protein Information	tumor protein p73
UniProt Protein Name	Tumor protein p73
UniProt Gene Name	TP73
UniProt Synonym Gene Names	P73
UniProt Entry Name	P73_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tp73-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/290120>