

Rabbit TP73 Polyclonal Antibody | anti-TP73 antibody

TP73 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197606	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat, Zebrafish	Western Blot

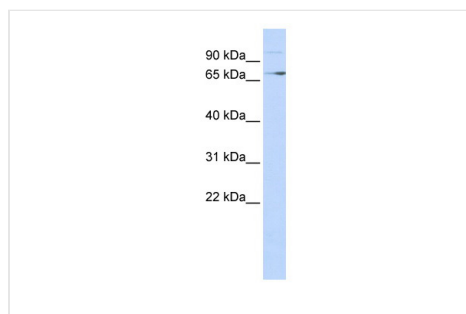
PRODUCT SYNONYMS

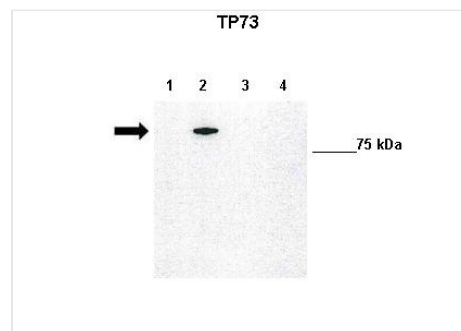
TP73; Polyclonal Antibody; TP73 antibody - N-terminal region; anti-TP73 antibody

PRODUCT SPECIFICATIONS

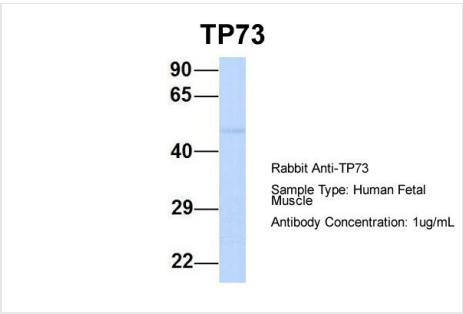
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: AQ STATSPDGGT TFEHLWSSLE PDSTYFDLPQ SSRGNNEVVG GTDSSMDV
Sequence Length	636
Applicable Applications for anti-TP73 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Pig: 92%; Rat: 93%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TP73
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TP73 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: 293T cell lysate

WB (Western Blot)

WB Suggested Anti-TP73 Antibody
Positive Control: Lane1: 10ug untransfected H1299, Lane2: 10ug GFP-TAp73 transfected H1299, Lane3: 10ug GFP-DNp73 transfected H1299, Lane4: 10ug GFP-DBDp73 transfected H1299
Primary Antibody Dilution : 1:1000
Secondary Antibody : Anti-rabbit-HRP
Secondary Antibody Dilution : 1:5000
Submitted by: Francesca Grespi, VIB-Department for Molecular Biomedical Research, University of Gent



WB (Western Blot)
Host: RabbitTarget Name: TP73Sample Type: Human Fetal MuscleAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TP73 antibody	This is a rabbit polyclonal antibody against TP73. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TP73 belongs to the p53 family. It participates in the apoptotic response to DNA damage. When overproduced, it activates transcription from p53-responsive promoters and induces apoptosis. TP53 may be a tumor suppressor protein. This gene encodes 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. The p73 gene expresses at least 35 mRNA variants due to the use of alternate promoters, alternate translation initiation sites, and multiple splice variations. Theoretically this can account for 29 different p73 isoforms; however, the biological validity and the full-length nature of most variants have not been determined.
Product Categories/Family for anti-TP73 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Cycle Proteins; Transcription Regulation; Developmental Biology; Apoptosis; Meiosis/Mitosis/Cell Cycle; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885645
NCBI GeneID	7161
NCBI Accession #	NP_005418
NCBI GenBank Nucleotide #	NM_005427
UniProt Accession #	O15350
Molecular Weight	69kDa
NCBI Official Full Name	tumor protein p73 isoform a
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-elisa/197606>