

Rabbit anti-Human Acetyl-p53- K370 Monoclonal Antibody | anti-TP53 antibody

Acetyl-p53- K370 Rabbit mAb

CATALOG # AAA283346	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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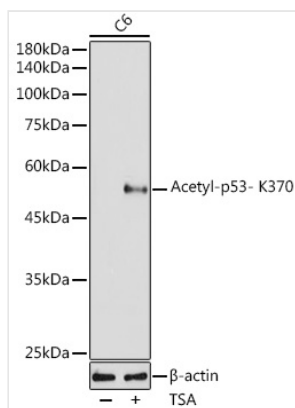
PRODUCT SYNONYMS

Acetyl-p53- K370; Monoclonal Antibody; Acetyl-p53- K370 Rabbit mAb; P53; BCC7; LFS1; BMFS5; TRP53; anti-TP53 antibody

PRODUCT SPECIFICATIONS

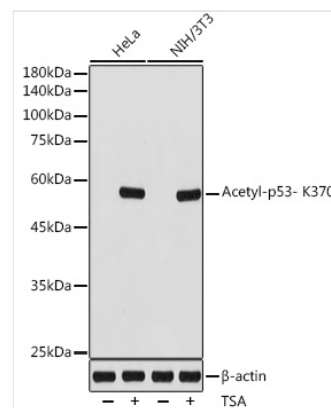
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GGGRAHSSHL KSKKGQSTSR H
Applicable Applications for anti-TP53 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic acetylated peptide around K370 of human p53 (P04637).
Modification	Acetyl K370
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells, using Acetyl-p53- K370 Rabbit mAb (AAA283346) at 1:1000 dilution. C6 cells were treated by TSA (1 uM) at 37° for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates using Acetyl-p53- K370 Rabbit mAb (AAA283346) at 1:1000 dilution. HeLa cells and NIH/3T3 cells were treated by TSA (1 uM) at 37° for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-TP53 antibody	This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277).
Product Categories/Family for anti-TP53 antibody	Epigenetics Nuclear Signaling; Transcription Factors; DNA Damage Repair; Protein phosphorylation; Cancer; Tumor suppressors; p53 pathway; Signal Transduction; PI3K-Akt Signaling Pathway; ErbB-HER Signaling Pathway; MAPK-JNK Signaling Pathway; ATM Signalin

NCBI AND UNIPROT INFORMATION

NCBI GI #	120407068
NCBI GeneID	7157
NCBI Accession #	NP_000537.3
NCBI GenBank Nucleotide #	NM_000546.5
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	Calculated MW: 44kDa Observed MW: 53kDa
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_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/monoclonal/acetly-p53-k370-antibody-western-blot-elisa/283346>