

Rabbit anti-Human, Mouse p63 Polyclonal Antibody | anti-p63 antibody

p63

CATALOG # AAA297744	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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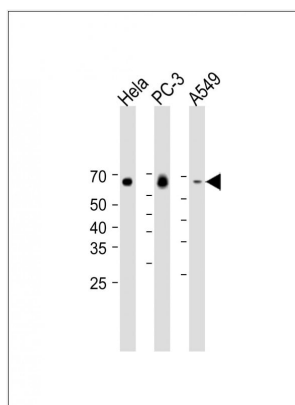
PRODUCT SYNONYMS

p63; Polyclonal Antibody; Tumor protein 63; Chronic ulcerative stomatitis protein; CUSP; Keratinocyte transcription factor KET; Transformation-related protein 63; TP63; Tumor protein p73-like; p73L; p40; p51; KET; P63; P73H; P73L; TP73L; R03358; anti-p63 antibody

PRODUCT SPECIFICATIONS

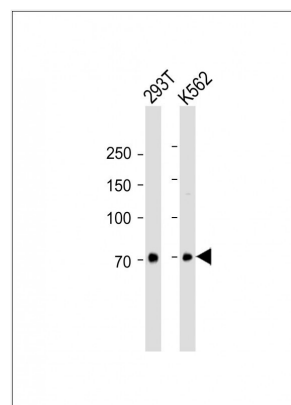
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-p63 antibody	WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



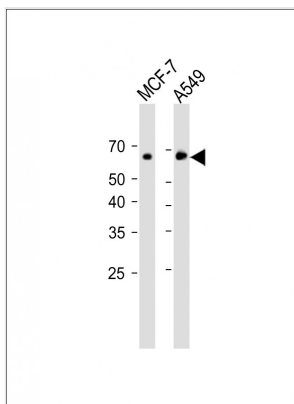
WB (Western Blot)

All lanes: Anti-p63 antibody at 1:1000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: PC-3 whole cell lysate
Lane 3: A549 whole cell lysate
Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 63 KDa
Blocking/Dilution buffer: 5% NFDM/TBST.
Dilution: WB 1:1000



WB (Western Blot)

All lanes: Anti-p63 antibody at 1:2000 dilution
Lane 1: 293T whole cell lysate
Lane 2: K562 whole cell lysate
Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 75 KDa
Blocking/Dilution buffer: 5% NFDM/TBST.
Dilution: WB 1:2000



WB (Western Blot)

All lanes: Anti-p63 antibody at 1:2000 dilution
 Lane 1: MCF-7 whole cell lysate
 Lane 2: A549 whole cell lysate
 Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 63 KDa
 Blocking/Dilution buffer: 5% NFD/MTBST. Dilution: WB 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-p63 antibody	Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73/p73 for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA*-type isoforms may govern the maintenance of epithelial stem cell compartments and regulate the initiation of epithelial stratification from the undifferentiated embryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter.
Product Categories/Family for anti-p63 antibody	New Antibodies ; Primary Antibodies ; Cancer ; Cell Biology ; Signal Transduction
References	Senoo M.,et al.Biochem. Biophys. Res. Commun. 248:603-607 (1998).Augustin M.,et al.Mamm. Genome 9:899-902 (1998).Yang A.,et al.Mol. Cell 2:305-316 (1998).Osada M.,et al.Nat. Med. 4:839-843 (1998).Hagiwara K.,et al.Cancer Res. 59:4165-4169 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234657
NCBI GeneID	8626
NCBI Accession #	NP_001108450.1
NCBI GenBank Nucleotide #	NM_001114978.1
UniProt Accession #	Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20
Molecular Weight	76,785 Da
NCBI Official Full Name	tumor protein 63 isoform 2
NCBI Official Synonym Full Names	tumor protein p63
NCBI Official Symbol	TP63
NCBI Official Synonym Symbols	AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4; TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B)
NCBI Protein Information	tumor protein 63; CUSP; transformation-related protein 63; tumor protein p53-competing protein; amplified in squamous cell carcinoma; chronic ulcerative stomatitis protein; keratinocyte transcription factor KET; tumor protein p63 deltaN isoform delta
UniProt Protein Name	Tumor protein 63

UniProt Gene Name	TP63
UniProt Synonym Gene Names	KET; P63; P73H; P73L; TP73L; p63; CUSP; TP63; p73L
UniProt Entry Name	P63_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/p63-antibody-western-blot-elisa/297744>