

Rabbit p63 Polyclonal Antibody | anti-p63 antibody

p63 Antibody

CATALOG # AAA306190	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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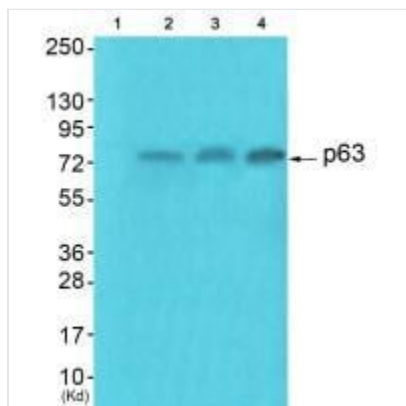
PRODUCT SYNONYMS

p63; Polyclonal Antibody; p63 Antibody; EEC3; KET; LMS; SHFM4; TA p63 alpha; anti-p63 antibody

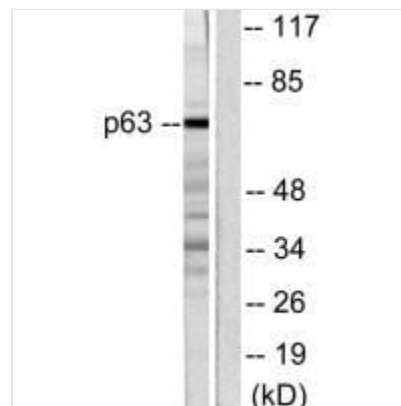
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total p63 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	555
Applicable Applications for anti-p63 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human p63 antibody.
Target Name	p63
Preparation and Storage	Store at -20 degree C

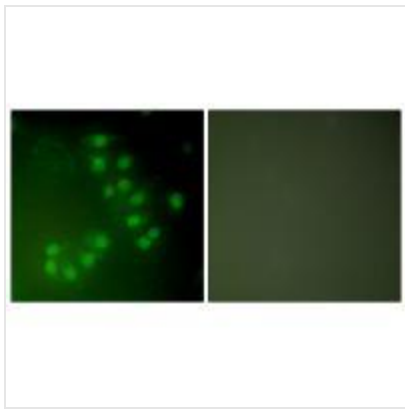
IMAGES


WB (Western Blot)

Western blot analysis of extracts from HuvEc cells (Lane 2), JK cells (Lane 3) and cos-7 cells (Lane 4), using p63 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using p63 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using p63 antibody.

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. Pranay C. Patel, Arch Otolaryngol Head Neck Surg, May 1998; 124: 559. Atul A. Gawande, Arch Surg, Apr 2006; 141: 381 - 384. Timothy M. Murray, Endocr. Rev., Feb 2005; 26: 78 - 113. W. M. Philbrick, Physiol Rev, Jan 1996; 76: 127.
Product Categories/Family for anti-p63 antibody	Total protein Ab

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	65,288 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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p63-antibody-immunofluorescence-western-blot-elisa/306190>