

Rabbit anti-Human p63 Monoclonal Antibody | anti-TP63 antibody

Recombinant Anti-p63 Antibody, Rabbit Monoclonal

CATALOG # AAA254173	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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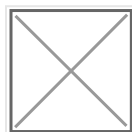
PRODUCT SYNONYMS

p63; Monoclonal Antibody; Recombinant Anti-p63 Antibody; Rabbit Monoclonal; p63(alpha) Antibody; Rabbit MAb; tumor protein p63; Anti-AIS Antibody; Anti-B(p51A) Antibody; Anti-B(p51B) Antibody; Anti-EEC3 Antibody; Anti-KET Antibody; Anti-LMS Antibody; Anti-NBP Antibody; Anti-OFC8 Antibody; Anti-p40 Antibody; Anti-p51 Antibody; Anti-p53CP Antibody; Anti-p63 Antibody; Anti-p73H Antibody; Anti-p73L Antibody; Anti-RHS Antibody; Anti-SHFM4 Antibody; Anti-TP53CP Antibody; Anti-TP53L Antibody; Anti-TP73L Antibody; anti-TP63 antibody

PRODUCT SPECIFICATIONS

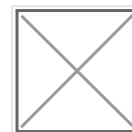
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	143
Specificity	Human p63 (alpha)
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TP63 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to the C-terminus of the human p63(alpha p63)
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with A synthetic peptide corresponding to the C-terminus of the human p63(alpha p63).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human P63 in human breast carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human P63 in human prostate with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human P63 in human prostatic carcinoma with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-TP63 antibody	Tumor protein p63 is a protein also known as transformation-related protein 63, TP63, and p63. Tumor protein p63/p63 is a member of the p53 family of transcription factors whose members P53, p63, and p73 have similar features in their gene structures and functions. An animal model, p63-/-mice has been useful in difining the role p63 plays in the development and maintenance of stratified epithelial tissues. This p63 encoding protein p63 has a dramatic impact on replenishment of cutaneous epithelial stem cells and on ovarian germ cell survival. Although these two fundamental roles of p63 attest to its powerful place in development, its other functions, specifically the apparent capacity of p63, is to supervise the emergence of new cell populations in the breast, prostate, cervix, and upper reproductive tract. P63-/-mice have several development defects which include the lack of limbs and other tissues, such as teeth and mammary glands, which develop as a result of interactions between mesenchyme and epithelium. Mutations in this protein are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3, ADULT syndrome (acro-dermato-ungual-lacrima-tooth), limb-mammary syndrome, et al.
References	Crum CP, et al. (2010) p63 in epithelial survival, germ cell surveillance, and neoplasia. Annu Rev Pathol. 5: 349-71.Tan M, et al. (2001) p53CP is p51/p63, the third member of the p53 gene family: partial purification and characterization. Carcinogenesis. 22 (2): 295-300.Shiran MS, et al. (2007) p63 as a complementary basal cell specific marker to high molecular weight-cytokeratin in distinguishing prostatic carcinoma from benign prostatic lesions. Med J Malaysia. 62 (1): 36-9.

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p63-antibody-clone-143-immunohistochemistry-elisa/254173>