

Rabbit p63 Monoclonal Antibody | anti-p63 antibody

Anti - p63

CATALOG # AAA79009	HOST Rabbit	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

p63; Monoclonal Antibody; Anti - p63; anti-p63 antibody

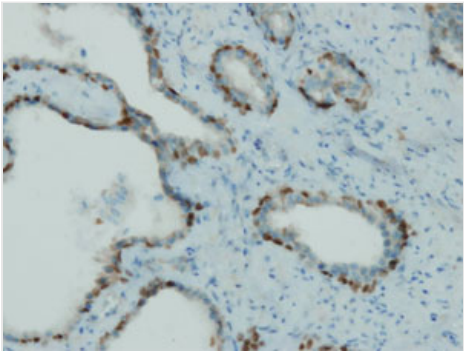
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Monoclonal
Clone Number	I27-I
Specificity	Human
Sequence Length	680
Applicable Applications for anti-p63 antibody	IHC (Immunohistochemistry)
Immunogen	Peptide derived from the internal sequence of human p63. Antibody recognizes the epitope between Arg360-His383.
Storage Buffer	20 mM Tris-HCl, pH 8.0
Stabilizer	20 mg/ml BSA
Preservative	0.05% NaN ₃

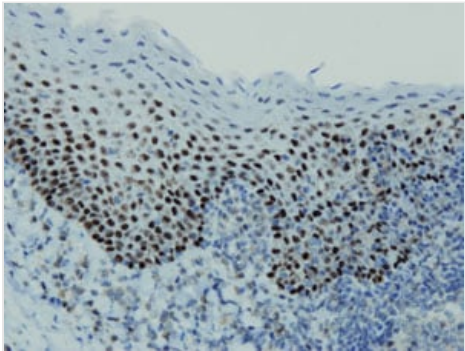
IHC-P PROTOCOL	1. Deparaffinize the section in 3 changes of xylene, 5 minutes each. 2. Wash the section in 96%, 80% and 0% thyl alcohol for 10 minutes each. . 3. Rinse in distilled water. . 4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) for 10 minutes. . 5. Wash in distilled water for 5 minutes. . 6. For antigen retrieval: immerse the slide in the citrate buffer, pH 6.0, 0.05% Tween-20*, and incubate in a water bath at 96°C for 40 minutes. (Alternatively adjust to your own protocol, keeping the required pH) . 7. Remove the staining to room temperature and let the slide to cool (in citrate buffer, pH 6.0) for 20 minutes. . 8. Rinse in distilled water. . 9. Wash in 0.05 M Tris-HCl, pH 7.6 buffer supplemented with 0.2% of Tween-20 (buffer A) for 5 minutes. 10. CONCENTRATED: Incubate the section with primary antibody at the dilution 1:100 -1:200 for 1 hour in the closed wet chamber. . 11. READY TO USE (RTU): Incubate the section with primary antibody (ready to use) for 1 hour in a closed wet chamber. 12. Wash twice 5 minutes with buffer A. . 13. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP -Peroxide -DAB). Micropolymer-HRP detection kit rabbit/mouse . 14. Wash twice 5 minutes with buffer A. . 15. Apply the chromogen (DAB), 1 -3 minutes. . 16. Wash in water for 10 minutes. . 17. Stain in hematoxylin for 5 minutes. . 18. Wash in water for 10 minutes. . 19. Dehydrate the section in 2 changes of 96% ethyl alcohol for 5 minutes each. 20. Wash the section in 2 changes of xylene for 2 minutes each. . 21. Mount the slide for observation. Citrate Buffer(10mM Citric Acid, 0.05% Tween-20, pH 6.0): Citric acid (anhydrous) -----1.92 g; Distilled water -----1000 ml. Mix to dissolve in 700 ml of distilled water. Adjust pH to 6.0 with 1M NaOH and then add 0.5 ml of Tween-20 and mix well. Adjust the final volume to 1 liter with distilled water. Store this solution at room temperature for 3 months or at +4°C for longer storage.
PRECAUTIONS	1. -We strongly recommend to use Primary Antibody Diluent eventually alternative diluent containing protease free BSA at the concentrations ? 1mg/ml) for dilution of concentrated antibodies, otherwise the warranty might be voided. 2. Centrifuge the vial before use. 3. Intended for professional use in laboratories. . 4. Do not use after expiration date stamped on vial label. . 5. Avoid contamination of the reagent. . 6. Any discrepancies in the recommended procedures stated in the working protocol may affect the final results. . 7. The reagent contains sodium azide (NaN₃) which is highly toxic in higher concentrations. The concentration in the reagent (0.05%) is not considered as hazardous. . 8. Disposal of waste material must be conducted in accordance with local regulations. . 9. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.

VENTANA PROTOCOL –INSTRUCTION MANUAL	SHORT APPLICATION PROTOCOL FOR VENTANA BENCHMARK SLIDE STAINING SYSTEM 1.-Deparafinization (Enter) 2.Heating glass (72°C) with the medium temperatures. Deparafinization. 3.Prolonged deparafinization (Enter). 4.Cell conditioning (Enter) 5.ULTRA Conditioner #2 (Enter). 6.Heating glass (97°C), incubation 8 min (Cell conditioner #2). 7.ULTRA CC2 solution application –24 min (Enter). 8.Titration (Enter). 9.Hand apply –primary antibody. Incubation 32 min. 10.UltraWash (Enter). 11.Nuclear stain (Enter). 12.Hematoxylin application –one drop (nuclear stain). Cover and incubate 8 min. 13.After nuclear stain (Enter). 14.Bluing reagent application, one drop. After nuclear stain, cover and incubate 4 min .
Preparation and Storage	Store at +4°C.

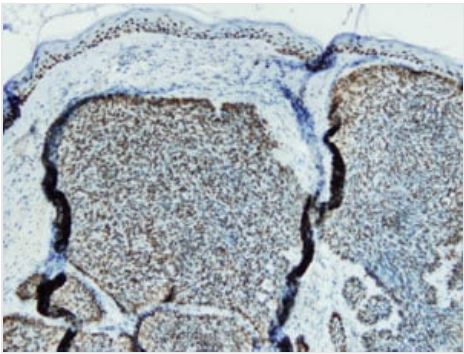
IMAGES



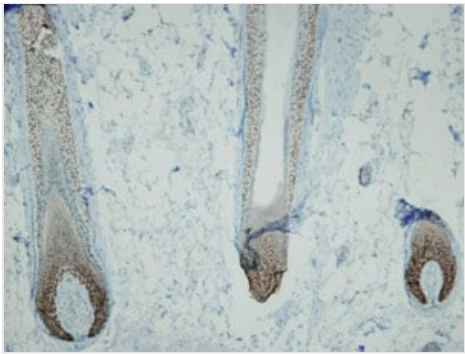
Application Data
Nuclear expression of p63 visualized with AAA79009, anti-p63 antibody, clone I27-I; in normal hair follicles (D) Formalin fixed, paraffin embedded human tissues (4um sections) stained with anti-p63 (AAA79009) monospecific clonal antibody according to related datasheet.



Application Data
Nuclear expression of p63 visualized with AAA79009, anti-p63 antibody, clone I27-I; in normal hair follicles (C) and basal cells of the prostatic glands.



Application Data
Nuclear expression of p63 visualized with AAA79009, anti-p63 antibody, clone I27-I; in normal hair follicles (B)squamous epithelium of the tonsil



Application Data
Nuclear expression of p63 visualized with AAA79009, anti-p63 antibody, clone I27-I; in normal hair follicles (A)basal cell carcinoma of the skin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57013009
NCBI GeneID	8626
UniProt Accession #	Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20

NCBI Official Full Name	Tumor protein 63
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://www.aaabiotech.com/monoclonal/p63-antibody-clone-i27-i-immunohistochemistry-elisa/79009>