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p63

Rabbit Monoclonal antibody(Mab)
Catalog # AD80046

Product Information

Application	IHC-P
Primary Accession	Q9H3D4
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	281B6A9
Calculated MW	76785

Additional Information

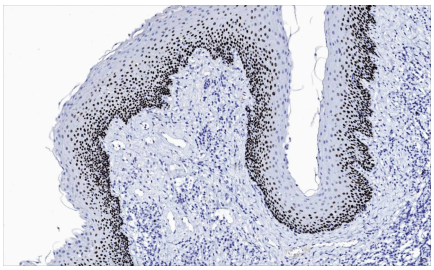
Gene ID	8626
Gene Name	TP63
Other Names	Tumor protein 63, p63, Chronic ulcerative stomatitis protein, CUSP, Keratinocyte transcription factor KET, Transformation-related protein 63, TP63, Tumor protein p73-like, p73L, p40, p51, TP63, KET, P63, P73H, P73L, TP73L
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	p63 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

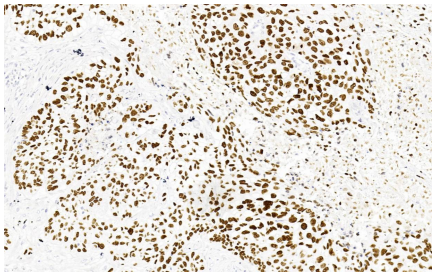
Name	TP63
Synonyms	KET, P63, P73H, P73L, TP73L
Function	Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates 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. Binds to an upstream regulatory region of the DSG1 gene and promotes transcription

	(PubMed:24594668).
Cellular Location	Nucleus
Tissue Location	Widely expressed, notably in heart, kidney, placenta, prostate, skeletal muscle, testis and thymus, although the precise isoform varies according to tissue type. Progenitor cell layers of skin, breast, eye and prostate express high levels of DeltaN-type isoforms. Isoform 10 is predominantly expressed in skin squamous cell carcinomas, but not in normal skin tissues

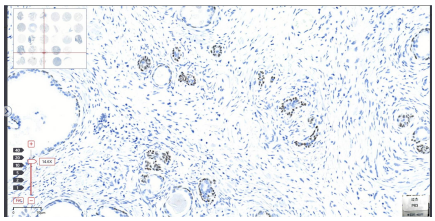
Images



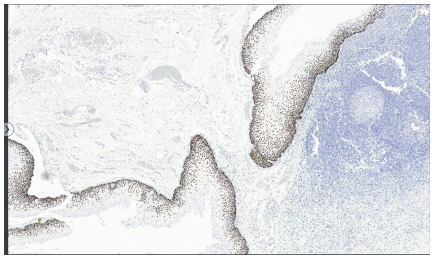
Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



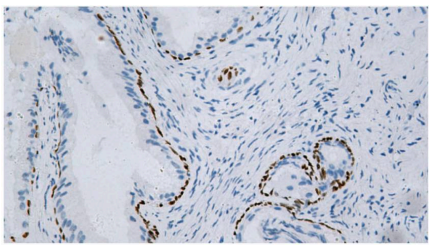
Immunohistochemical analysis of formalin-fixed and paraffin-embedded human lung squamous cell carcinoma tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human prostate tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

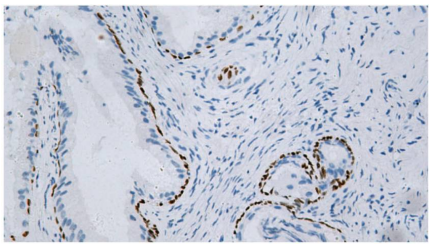


Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human prostate tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human benign prostatic hyperplasia tissue was performed with p63 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.