



# **p63**

Rabbit Monoclonal antibody(Mab)
Catalog # AD80046

## **Specification**

#### p63 - Product info

Application IHC-P, IHC
Primary Accession Q9H3D4
Reactivity Human
Host Rabbit
Clonality Monoclonal
Calculated MW 76785

## p63 - Additional info

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 IHC~~Ready-to-use

#### **Storage**

**Precautions** 

Maintain refrigerated at 2-8°C

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p63 Antibody is for research use only and not for use in diagnostic or therapeutic

Acts as a sequence specific DNA binding

procedures.

#### p63 - Protein Information

Name TP63

**Function** 

Synonyms KET, P63, P73H, P73L, TP73L

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



Cellular Location
Tissue Location

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. Nucleus

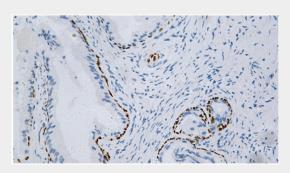
Widely expressed, notably in heart, kidney, placenta, prostate, skeletal muscle, testis and thymus, although the precise isoform varies according to tissue type. Progenitor cell layers of skin, breast, eye and prostate express high levels of DeltaN-type isoforms. Isoform 10 is predominantly expressed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

# p63 - Protocols

Provided below are standard protocols that you may find useful for product applications.

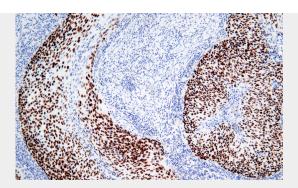
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## p63 - Images



# Prostatic hyperplasia





Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissue using AD80046 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.