

**p40 antibody**  
**Rabbit Mab**  
**Catalog # AD80001**

## Specification

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### p40 antibody - Product info

Application	IHC-P
Primary Accession	<a href="#">Q9H3D4</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	76785 Da

### p40 antibody - Additional info

Gene ID	8626
<b>Dilution</b>	
IHC-P~~N/A	

#### Storage

Maintain refrigerated at 2-8°C

#### Precautions

**p40 antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### p40 antibody - Protein Information

#### Name TP63

Synonyms  
Function

**KET, P63, P73H, P73L, TP73L**  
**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**

Cellular Location

Tissue Location

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

### **p40 antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **p40 antibody - Images**