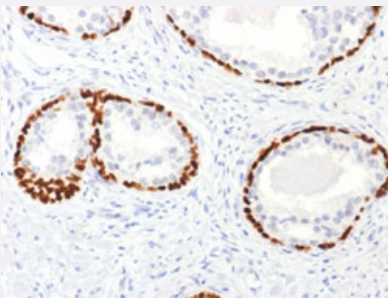


# TP63 polyclonal antibody

Catalog # PAB30823      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with TP63 polyclonal antibody (Cat # PAB30823).

## Specification

|                             |                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit polyclonal antibody raised against partial recombinant human TP63.                                                                                                                                                                   |
| <b>Immunogen</b>            | Recombinant protein corresponding to human TP63.                                                                                                                                                                                            |
| <b>Host</b>                 | Rabbit                                                                                                                                                                                                                                      |
| <b>Theoretical MW (kDa)</b> | 63                                                                                                                                                                                                                                          |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                       |
| <b>Form</b>                 | Liquid                                                                                                                                                                                                                                      |
| <b>Purification</b>         | Protein A purification                                                                                                                                                                                                                      |
| <b>Isotype</b>              | IgG, kappa                                                                                                                                                                                                                                  |
| <b>Recommend Usage</b>      | Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In 10 mM PBS (0.05% BSA, 0.05% sodium azide).                                                                                                                                                                                               |

**Storage Instruction**

Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with TP63 polyclonal antibody (Cat # PAB30823).

- Immunofluorescence

- Flow Cytometry

## Gene Info — TP63

**Entrez GeneID**[8626](#)**Protein Accession#**[Q9H3D4](#)**Gene Name**

TP63

**Gene Alias**

AIS, B(p51A), B(p51B), EEC3, KET, LMS, NBP, OFC8, RHS, SHFM4, TP53CP, TP53L, TP73L, p40, p51, p53CP, p63, p73H, p73L

**Gene Description**

tumor protein p63

**Omim ID**[103285](#) [106260](#) [129400](#) [603273](#) [603543](#) [604292](#) [605289](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the p53 family of transcription factors. An animal model, p63 <sup>-/-</sup> mice, has been useful in defining the role this protein plays in the development and maintenance of stratified epithelial tissues. p63 <sup>-/-</sup> mice have several developmental 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 gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal defects-cleft lip/palate; ADULT syndrome (acro-dermato-ungual-lacrima-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. Both alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different proteins. Many transcripts encoding different proteins have been reported but the biological validity and the full-length nature of these variants have not been determined. [provided by RefSeq]

**Other Designations**

amplified in squamous cell carcinoma|chronic ulcerative stomatitis protein|keratinocyte transcripti  
on factor|transformation-related protein 63|tumor protein p53-competing protein|tumor protein p53  
-like|tumor protein p73-like

**Publication Reference**

- [Optimal immunohistochemical markers for distinguishing lung adenocarcinomas from squamous cell carcinomas in small tumor samples.](#)

Terry J, Leung S, Laskin J, Leslie KO, Gown AM, Ionescu DN.

The American Journal of Surgical Pathology 2010 Dec; 34(12):1805.

- [p63 is a prostate basal cell marker and is required for prostate development.](#)

Signoretti S, Waltregny D, Dilks J, Isaac B, Lin D, Garraway L, Yang A, Montironi R, McKeon F, Loda M.

The American Journal of Pathology 2000 Dec; 157(6):1769.

**Disease**

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition Disorders](#)
- [Ectodermal Dysplasia](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Pulmonary Disease](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)