

## Product datasheet for **TA370194S**

### **p63 (TP63) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: PC3 and Jurkat cell lysates IHC: 50-200 Positive control: Human lung cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TP63
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	77 kDa
Gene Name:	tumor protein p63
Database Link:	<a href="#">Entrez Gene 8626 Human Q9H3D4</a>



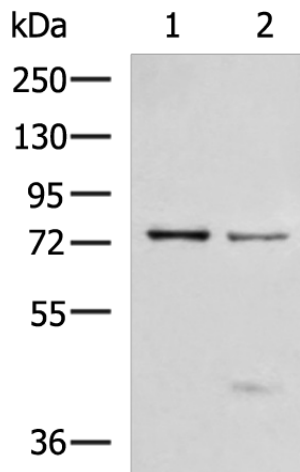
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**Background:**

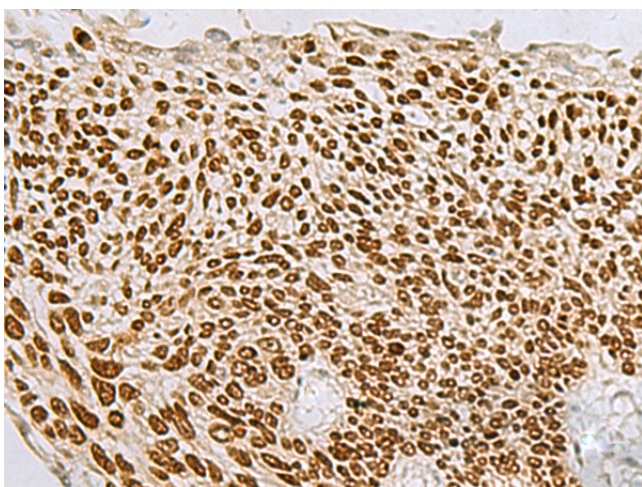
This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. 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 (acrodermato-ungual-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8.

**Synonyms:**

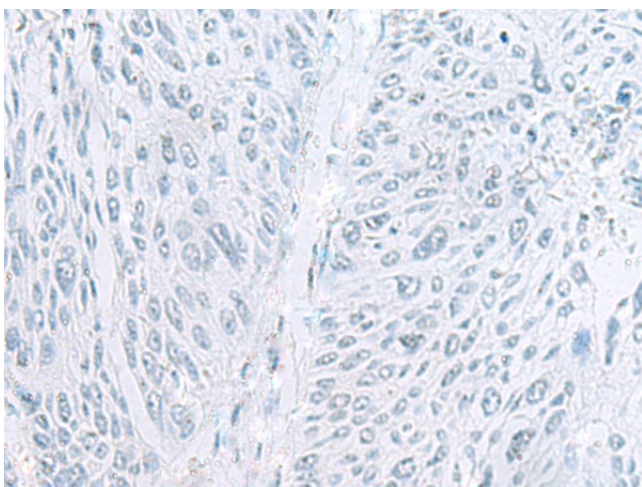
AIS; B(p51A); B(p51B); CUSP; EEC3; KET; LMS; NBP; OFC8; OTTHUMP00000209738; OTTHUMP00000209740; p40; p51; p53CP; p63; p73H; p73L; RHS; SHFM4; TP53CP; TP53L; TP73L

**Product images:**

Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: PC3 and Jurkat cell lysates  
Primary antibody: [TA370194] (TP63 Antibody) at dilution 1/1000  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370194] (TP63 Antibody) at dilution 1/65 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370194] (TP63 Antibody) at dilution 1/65, treated with fusion protein. (Original magnification:  $\times 200$ )