

Datasheet for ABIN3023012  
**anti-p63 antibody (AA 421-680)**



[Go to Product page](#)

5 Images

## Overview

Quantity:	100 µL
Target:	p63 (TP63)
Binding Specificity:	AA 421-680
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p63 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 421-680 of human p63 (NP_003713.3).
Sequence:	LELMQYLPQH TIETYRQQQ QQHQLLQKQ TSIQSPSSYG NSSPPLNKMN SMNKLPSVSQ LINPQQRNAL TPTTIPDGMG ANIPMMGTHM PMAGDMNGLS PTQALPPPLS MPSTSHCTPP PPYPDCSIV SFLARLGCSS CLDYFTTQGL TTIYQIEHYS MDDLASLKIP EQFRHAIWKG ILDHRQLHEF SSPSHLLRTP SSASTVSVGS SETRGERVID AVRFTLRQTI SFPPRDEWND FNFDMDARRN KQQRKEEGE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

Target: p63 (TP63)

Alternative Name: TP63 ([TP63 Products](#))

Name:

Background: This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include a 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 testis cells that have suffered DNA damage. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate 3 (EEC3), split-hand/foot malformation 4 (SHFM4), ankyloblepharon-ectodermal defects-cleft lip/palate, ADULT syndrome (dermato-ungual-lacrimal-tooth), limb-mammary syndrome, Rap-Hodgkin syndrome (RHS), and orofacial cleft 8., AIS,B(p51A),B(p51B),EEC3,KET,LMS,NBP,OFC8,RHS,SHFM4,TP53CP,TP53L,TP73L,p40,p51,p53CP,p63,p73H,p73L,TP63, & Nuclear Signaling,Transcription Factors,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Apoptosis,Stem Cells,TP63

Molecular Weight: 44-76 kDa

Weight:

Gene ID: 8626

UniProt: [Q9H3D4](#)

## Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

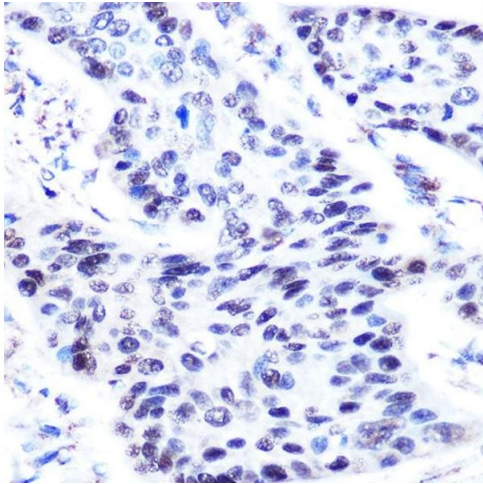
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid freeze / thaw cycles

Storage: -20 °C

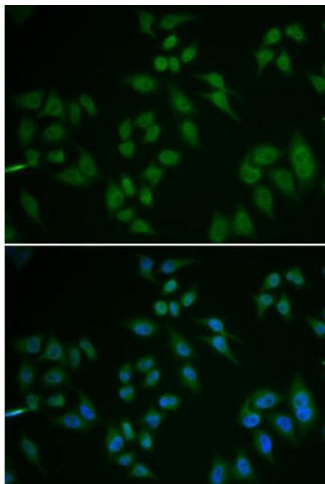
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Validation report #101403 for Immunofluorescence (IF)



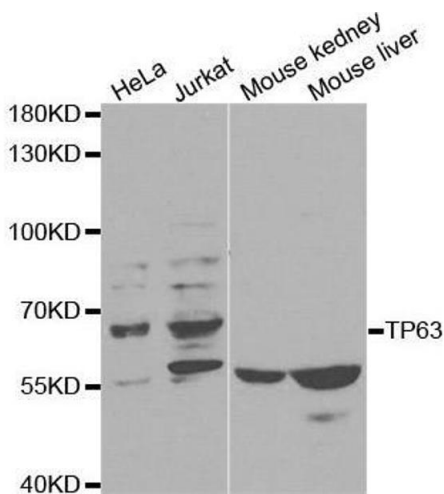
**Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human esophageal cancer using p63 antibody (ABIN3023011, ABIN3023012, ABIN3023013, ABIN1513632 and ABIN6219346) at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunofluorescence**

**Image 2.**



**Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using TP63 antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3023012.