

Datasheet for ABIN6149424
anti-p63 antibody (AA 1-160)



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1 Image

Overview

Quantity:	100 µL
Target:	p63 (TP63)
Binding Specificity:	AA 1-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p63 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human p63 (NP_003713.3).
Sequence:	MNFETSRCAT LQYCPDPYIQ RFVETPAHFS WKESYYRSTM SQSTQTNEFL SPEVFQHIWD FLEQPICSVQ PIDLNFVDEP SEDGATNKIE ISMDCIRMQD SDLSDPMWPQ YTNLGLLSNM DQQIQNGSSS TSPYNTDHAQ NSVTAPSPYA QPSSTFDALS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	p63 (TP63)
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Target Details

Alternative 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 C-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene, together with 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-lacrimar-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, and TP73. **Keywords:** & Nuclear Signaling, Transcription Factors, Cancer, Tumor suppressors, p53 pathway, Cell Biology & Developmental Biology, Apoptosis, Stem Cells, TP63

Molecular Weight: 44-76 kDa

Gene ID: 8626

UniProt: [Q9H3D4](#)

Application Details

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

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

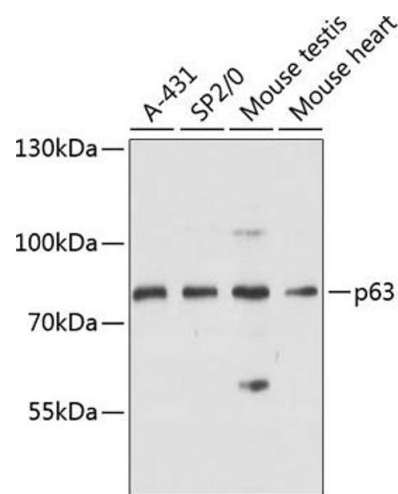
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using p63 antibody (ABIN6133471, ABIN6149424, ABIN6149427 and ABIN6216755) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.