



## Datasheet for ABIN657886 anti-p63 antibody (C-Term)



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### Overview

Quantity:	400 µL
Target:	p63 (TP63)
Binding Specificity:	AA 651-680, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This TP63 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 651-680 amino acids from the C-terminal region of human TP63.
Clone:	RB30257
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	p63 (TP63)
Alternative Name:	TP63 ( <a href="#">TP63 Products</a> )
Background:	This gene encodes a member of the p53 family of transcription factors. An animal model, p63 -/- mice, has been useful in defining the role this protein plays in the development and maintenance of stratified epithelial tissues. p63 -/- mice have several developmental defects

## Target Details

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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.

Molecular Weight:	76785
Gene ID:	8626
NCBI Accession:	<a href="#">NP_001108450</a> , <a href="#">NP_001108451</a> , <a href="#">NP_001108452</a> , <a href="#">NP_001108453</a> , <a href="#">NP_001108454</a> , <a href="#">NP_003713</a>
UniProt:	<a href="#">Q9H3D4</a>

## Application Details

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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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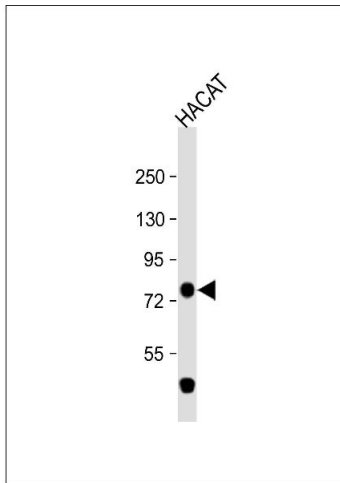
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	TP63 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

## Publications

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Product cited in: Fallini, Bassell, Rossoll: "High-efficiency transfection of cultured primary motor neurons to study

protein localization, trafficking, and function." in: **Molecular neurodegeneration**, Vol. 5, pp. 17, (2010) ([PubMed](#)).



#### Western Blotting

**Image 1.** Anti-TP63 Antibody (C-term) at 1:1000 dilution + HACAT whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa  
Blocking/Dilution buffer: 5 % NFDN/TBST.