

Datasheet for ABIN7182290

anti-p63 antibody**3** Images[Go to Product page](#)

Overview

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

Product Details

Purpose:	TP63 Antibody
Immunogen:	Synthesized peptide derived from Human p63 antibody.
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	p63 (TP63)
Alternative Name:	TP63
Background:	Background: Acts as a sequence specific DNA binding transcriptional activator or repressor.

The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73/p73 for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA*-type isoforms may govern the maintenance of epithelial stem cell compartments and regulate the initiation of epithelial stratification from the undifferentiated embryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter.

Pranay C. Patel, Arch Otolaryngol Head Neck Surg, May 1998, 124: 559.

Atul A. Gawande, Arch Surg, Apr 2006, 141: 381 - 384.

Timothy M. Murray, Endocr. Rev., Feb 2005, 26: 78 - 113.

W. M. Philbrick, Physiol Rev, Jan 1996, 76: 127.

Aliases: AIS antibody, Amplified in squamous cell carcinoma antibody, B(p51A) antibody, B(p51B) antibody, Chronic ulcerative stomatitis protein antibody, CUSP antibody, DN p63 alpha 1 antibody, DNp63 antibody, EEC3 antibody, id:ibd3516 antibody, Keratinocyte transcription factor antibody, Keratinocyte transcription factor KET antibody, KET antibody, LMS antibody, MGC115972 antibody, MGC192897 antibody, NBP antibody, OFC8 antibody, OTTHUMP00000209732 antibody, OTTHUMP00000209733 antibody, OTTHUMP00000209734 antibody, OTTHUMP00000209735 antibody, OTTHUMP00000209737 antibody, OTTHUMP00000209738 antibody, OTTHUMP00000209739 antibody, OTTHUMP00000209740 antibody, OTTHUMP00000209741 antibody, OTTHUMP00000209742 antibody, OTTHUMP00000209743 antibody, OTTHUMP00000209744 antibody, p40 antibody, p51 antibody, P51/P63 antibody, p53-related protein p63 antibody, p53CP antibody, p63 antibody, P63_HUMAN antibody, p73H antibody, p73L antibody, RHS antibody, SHFM4 antibody, TAp63alpha antibody, TP53CP antibody, TP53L antibody, TP63 antibody, TP73L antibody, Transformation related protein 63 antibody, Transformation-related protein 63 antibody, Trp53rp1 antibody, Trp63 antibody, Tumor protein 63 antibody, Tumor protein p53-competing protein antibody, Tumor protein p53-like antibody, Tumor protein p63 antibody, Tumor protein p63 deltaN isoform delta antibody, Tumor protein p73 antibody, Tumor protein p73-like antibody

UniProt:

[Q9H3D4](#)

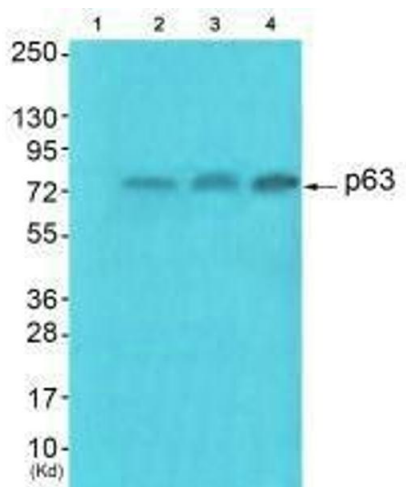
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

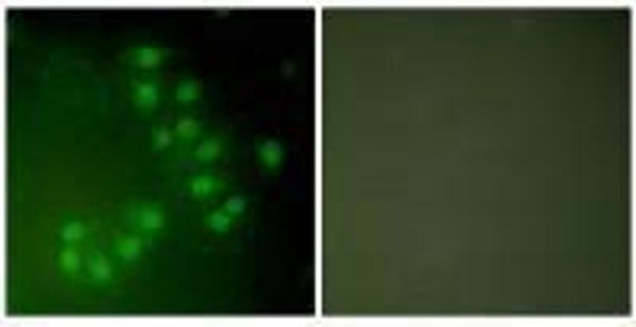
Format:	Liquid
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



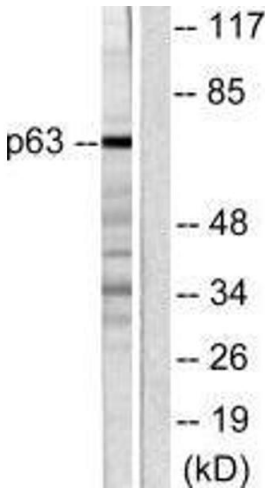
Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells (Lane 2), JK cells (Lane 3) and cos-7 cells (Lane4), using p63 antiobdy. The lane on the left is treated with synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of A549 cells, using p63 antibody.



Western Blotting

Image 3. Western blot analysis of extracts from COS7 cells, using p63 antibody.