

Nur für Forschungszwecke

# p63 Polyklonaler Antikörper

Katalog-Nr.:12143-1-AP

Vorgestelltes Produkt

25 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12143-1-AP	<b>GenBank-Zugangsnummer:</b> BC039815	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 300 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 8626	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:3000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> tumor protein p63	<b>IHC 1:200-1:800</b> <b>IF 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 680 aa, 77 kDa	
<b>Immunogen Katalognummer:</b> AG2791	<b>Beobachtete Masse:</b> 63-68 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC, IF, IHC, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**  
ChIP, CoIP, IF, IP, WB

**Getestete Reaktivität:**  
Human, Maus, Ratte

**Zitierte Arten:**  
Human, Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

**Positivkontrollen:**

**WB:** A431-Zellen, Apoptotisierte HeLa-Zellen, HaCaT-Zellen, humanes Herzgewebe, Mausherzgewebe, Maus-Thymusgewebe, PC-12-Zellen, U-937-Zellen

**IP:** A431-Zellen,

**IHC:** humanes Tonsillitgewebe, humanes Prostatakarzinomgewebe

**IF:** A431-Zellen, humanes Lungenkarzinomgewebe

## Hintergrundinformationen

TP63, also named KET, P63, P73H, P73L and TP73L, belongs to the p53 family. It is a homologue of the tumor suppressor p53 and p73 genes. It is involved in malignancy acquisition and maintenance of cells. Unlike p53, the p63 gene encodes multiple isoforms with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis. TP63 acts as a sequence specific DNA binding transcriptional activator or repressor. TP63 has 12 isoforms with MW 40kd(P40), 50kd(P60), 63kd(P63) and 73kd(P73L). It is Nuclear stain.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Maximilian Haas	31553905	Cell Rep	IF
Vincent Manna	34585152	STAR Protoc	IF
Xiafang Wu	29081891	Oxid Med Cell Longev	WB

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

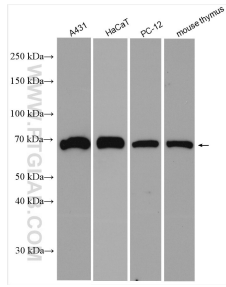
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

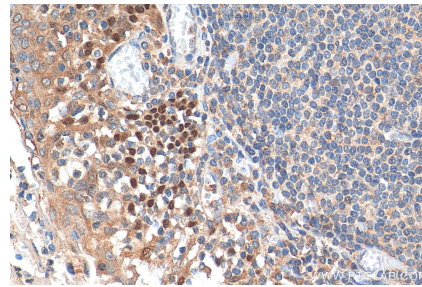
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

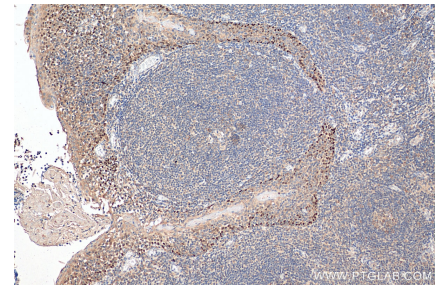
## Ausgewählte Validierungsdaten



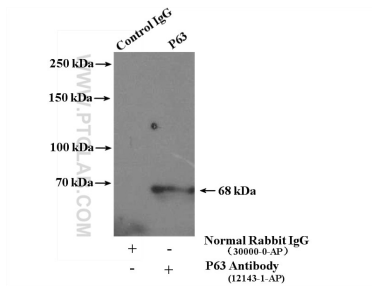
Various lysates were subjected to SDS PAGE followed by western blot with 12143-1-AP (p63 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



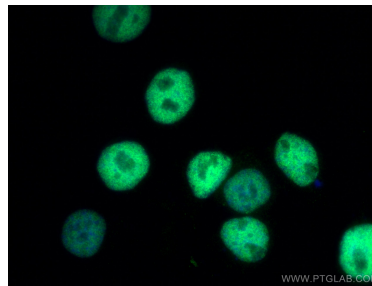
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12143-1-AP (p63 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



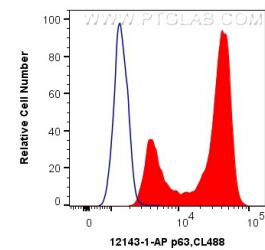
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12143-1-AP (p63 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-p63 (IP:12143-1-AP, 4ug; Detection:12143-1-AP 1:300) with A431 cells lysate 1200ug.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using p63 antibody (12143-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4 ug Anti-Human p63 (12143-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Staining Buffer Kit (PF00011).