

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-p63



Numéro de catalogue: 12143-1-AP

Phare

27 Publications

## Informations de base

Numéro de catalogue:  
12143-1-AP

Taille:  
150ul, Concentration: 300 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2791

Numéro d'acquisition GenBank:  
BC039815

Identification du gène (NCBI):  
8626

Nom complet:  
tumor protein p63

MW calculé  
680 aa, 77 kDa

MW observés:  
63-68 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:3000  
IP 0.5-4.0 ug for IP and 1:500-1:2000  
for WB  
IHC 1:200-1:800  
IF 1:400-1:1600

## Applications

Applications testées:  
FC, IF, IHC, IP, WB, ELISA

Demandes citées:  
ChIP, CoIP, IF, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules A431, cellules HaCaT, cellules HeLa apoptosées, cellules PC-12, cellules U-937, tissu cardiaque de souris, tissu cardiaque humain, tissu de thymus de souris

IP : cellules A431,

IHC : tissu d'amygdalite humaine, tissu de cancer de la prostate humaine

IF : cellules A431, tissu de cancer du poumon humaine

## Informations générales

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 isotypes 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.

## Publications notables

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

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

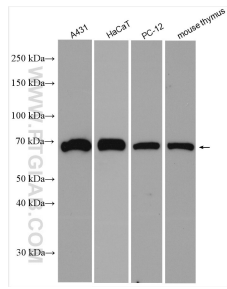
For technical support and original validation data for this product please contact:

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

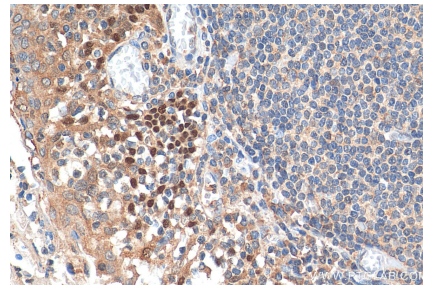
E: proteintech@ptglab.com  
W: ptglab.com

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

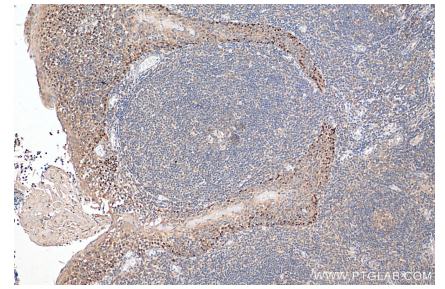
## Données de validation sélectionnées



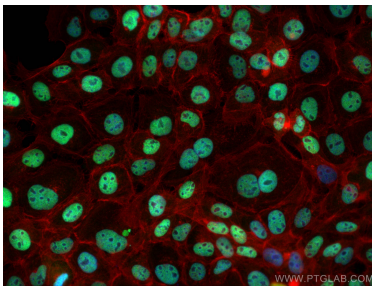
Various lysates were subjected to SDS PAGE followed by western blot with 12143-1-AP (p63 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



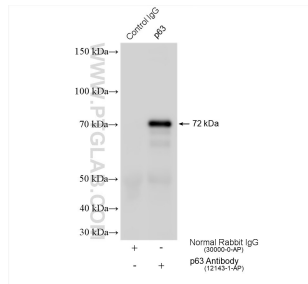
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12143-1-AP (p63 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



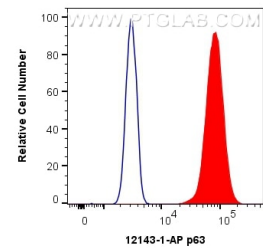
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12143-1-AP (p63 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using p63 antibody (12143-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP result of anti-p63(IP:12143-1-AP, 4ug; Detection:12143-1-AP 1:1000) with A431 cells lysate 2640 ug.



$1 \times 10^6$  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 Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).