

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TGF Beta 1



Numéro de catalogue: 21898-1-AP

Phare

471 Publications

## Informations de base

<b>Numéro de catalogue:</b> 21898-1-AP	<b>Numéro d'acquisition GenBank:</b> BC000125	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 7040	<b>Dilutions recommandées:</b> WB 1:1000-1:5000 IF 1:200-1:800
<b>Hôte:</b> Lapin	<b>Nom complet:</b> transforming growth factor, beta 1	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 44 kDa	
<b>Immunogen Catalog Number:</b> AG13591	<b>MW observés:</b> 44 kDa	

## Applications

### Applications testées:

FC, IF, WB, ELISA

### Demandes citées:

Cell treatment, CoIP, ELISA, IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

canin, Humain, Lapin, poisson-zèbre

### Contrôles positifs:

WB : tissu cutané de souris, cellules A549, cellules HeLa, cellules K-562, tissu cutané de rat

IF : cellules HEK-293,

## Informations générales

TGFB, also named as LAP and TGFB1, is a multifunctional peptide that controls proliferation, differentiation, and other functions in many cell types. TGFB acts synergistically with TGFA in inducing transformation. It also acts as a negative autocrine growth factor. Dysregulation of TGFB activation and signaling may result in apoptosis. Many cells synthesize TGFB and almost all of them have specific receptors for it. TGFB positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts. It is highly expressed in bone. Mutation of TGFB are the cause of Camurati-Engelmann disease (CED) which known as progressive diaphyseal dysplasia 1 (DPD1).

This antibody detects the pro-TGF beta 1 and the cleaved fragment Latency-associated peptide.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jin-Yun Pu	36178578	Curr Med Sci	WB
Pengfei Wu	32999004	Cancer Immunol Res	IHC
Xinmei Huang	34478541	J Clin Endocrinol Metab	IHC

## 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.

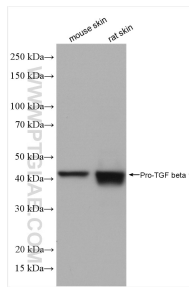
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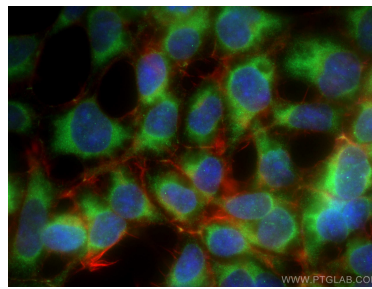
E: proteintech@ptglab.com  
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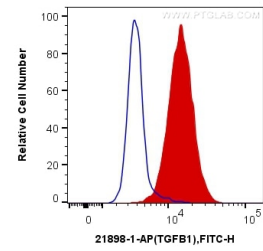
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 21898-1-AP (TGF-beta 1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using TGF Beta 1 antibody (21898-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug Anti-Human TGF Beta 1 (21898-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.25 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).