

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TGFBI / BIGH3



Numéro de catalogue: 10188-1-AP

Phare

62 Publications

Informations de base

Numéro de catalogue:

10188-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0241

Numéro d'acquisition GenBank:

BC000097

Identification du gène (NCBI):

7045

Nom complet:

transforming growth factor, beta-induced, 68kDa

MW calculé

683 aa, 75 kDa

MW observés:

64 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, Neutralization, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu oculaire de souris, cellules HeLa, cellules Y79, tissu hépatique de souris, tissu rénal humain

IP : cellules HeLa,

IHC : tissu rénal humain, tissu de cancer du foie humain, tissu oculaire de souris

IF : cellules A549 traitées au TGF bêta 1,

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.

Informations générales

TGFBI, also named as BIGH3, Kerato-epithelin and RGD-CAP, binds to type I, II, and IV collagens. TGFBI is an adhesion protein which may play an important role in cell-collagen interactions. In cartilage, it may be involved in endochondral bone formation. TGFBI is an extracellular matrix adaptor protein, it has been reported to be differentially expressed in transformed tissues. TGFBI is a predictive factor of the response to chemotherapy, and suggest the use of TGFBI-derived peptides as possible therapeutic adjuvants for the enhancement of responses to chemotherapy. (PMID:20509890) Defects in TGFBI are the cause of epithelial basement membrane corneal dystrophy (EBMD). Defects in TGFBI are the cause of corneal dystrophy Groenouw type 1 (CDGG1). Defects in TGFBI are the cause of corneal dystrophy lattice type 1 (CDL1). Defects in TGFBI are a cause of corneal dystrophy Thiel-Behnke type (CDTB). Defects in TGFBI are the cause of Reis-Buecklers corneal dystrophy (CDRB). Defects in TGFBI are the cause of lattice corneal dystrophy type 3A (CDL3A). Defects in TGFBI are the cause of Avellino corneal dystrophy (ACD).

Publications notables

Autrice	Pubmed ID	Journal	Application
Nobuhiro Nakazawa	31571056	Ann Surg Oncol	IHC
Nathalie Allaman-Pillet	26387839	Exp Eye Res	WB, IF
Taku Sato	30156359	Cancer Sci	WB,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.

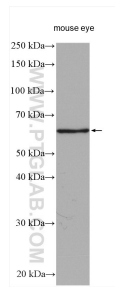
For technical support and original validation data for this product please contact:

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

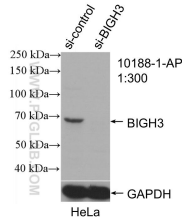
E: proteintech@ptglab.com
W: ptglab.com

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

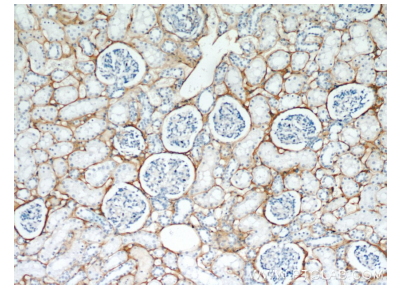
Données de validation sélectionnées



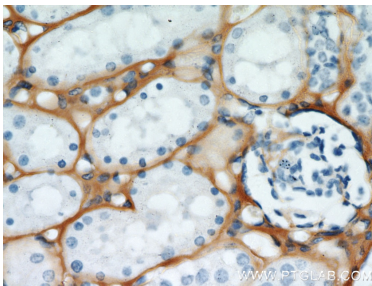
Mouse eye tissue were subjected to SDS PAGE followed by western blot with 10188-1-AP (TGFB1 / BIGH3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



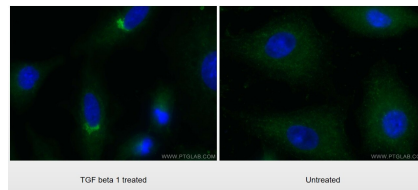
WB result of TGFB1 / BIGH3 antibody (10188-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-TGFB1 / BIGH3 transfected HeLa cells.



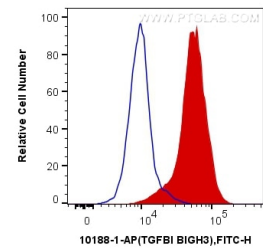
Immunohistochemical analysis of paraffin-embedded human kidney using 10188-1-AP (TGFB1 / BIGH3 antibody) at dilution of 1:100 (under 10x lens).



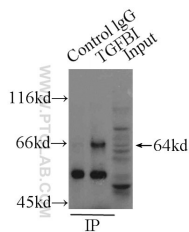
Immunohistochemical analysis of paraffin-embedded human kidney using 10188-1-AP (TGFB1 / BIGH3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells, untreated (left) or TGF- β -treated (right), using TGFB1 / BIGH3 antibody (10188-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ Y79 cells were intracellularly stained with 0.4 ug Anti-Human TGFB1 / BIGH3 (10188-1-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 with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP Result of anti-TGFB1 / BIGH3 (IP:10188-1-AP, 3ug; Detection:10188-1-AP 1:300) with HeLa cells lysate 1000ug.