

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TGFBR3-Specific



Numéro de catalogue: 20000-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:

20000-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_003243

Identification du gène (NCBI):

7049

Nom complet:

transforming growth factor, beta receptor III

MW calculé

93 kDa

MW observés:

110-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Chèvre, Humain, souris

Contrôles positifs:

WB : cellules A549, cellules A431

Informations générales

Transforming growth factor β (TGF- β) is a multifunctional cytokine that plays important roles in normal development and homeostasis (PMID: 8530052). There are three TGF- β forms: TGF- β 1, TGF- β 2, and TGF- β 3. The diverse effects of TGF- β are mediated by the TGF- β receptors and cell surface-binding proteins. Three TGF-beta receptors exist: TGFBR1, TGFBR2, TGFBR3 (PMID: 8530052; 30184463). TGFBR3, also known as betaglycan, is a transmembrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. In addition to the transmembrane form, the extracellular domain of TGFBR3 can be cleaved to a soluble form (sTGFBR3), which may serve as an antagonist of TGF- β to inhibit TGF- β signaling (PMID: 30184463). TGFBR3 has a larger apparent molecular weight than the calculated molecular weight, due to extensive carbohydrate modifications (PMID: 1556106). This antibody is specific to TGFBR3.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bingyu Xie	36179941	Mol Cell Endocrinol	WB
Wenxiang Zhu	34656907	Int Immunopharmacol	
Li-Yuan Yu-Lee	29514796	Cancer Res	WB,IF

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.

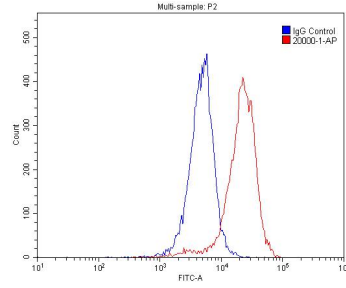
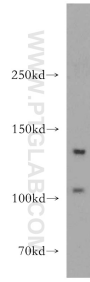
For technical support and original validation data for this product please contact:

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

Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 20000-1-AP (TGFB β 3-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

1×10^6 A549 cells were stained with 0.2ug TGFB β 3-Specific antibody (20000-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.