

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TGFBR1



Numéro de catalogue: 30117-1-AP

## Informations de base

Numéro de catalogue: 30117-1-AP	Numéro d'acquisition GenBank: NML_004612	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 3000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7046	Dilutions recommandées: WB 1:500-1:3000 IHC 1:200-1:800
Hôte: Lapin	Nom complet: transforming growth factor, beta receptor 1	
Isotype: IgG	MW calculé: 56KD	
Immunogen Catalog Number: AG31620	MW observés: 56 kDa	

## Applications

Applications testées:  
IHC, WB, ELISA

Spécificité de l'espèce:  
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 A549, cellules MDA-MB-231, cellules MG U-87, cellules NCI-H1299, tissu hépatique de rat, tissu hépatique de souris

IHC : tissu de cancer du poumon humain,

## Informations générales

TGFBR1 (TGF-beta receptor type-1) encodes a serine/threonine kinase receptor for transforming growth factor-beta. TGFBR1, TGFBR2 and TGFBR3 signals are transduced from the cell surface to the cytoplasm and regulate lots of physiological and pathological processes including cell cycle arrest in epithelial and hematopoietic cells, control of mesenchymal cell proliferation and differentiation, wound healing, extracellular matrix production, immunosuppression and carcinogenesis. Mutations in both TGFBR2 and TGFBR1 were associated with early onset and aggressive thoracic aortic disease with MFS-like skeletal features, but also hypertelorism, craniosynostosis, developmental delay, cleft palate and bifid uvula, congenital heart disease and aneurysms, and dissections throughout the arterial tree with marked arterial tortuosity (PMID: 15731757, PMID: 27879313).

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azotate 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.**

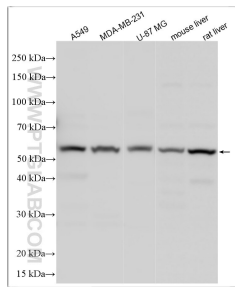
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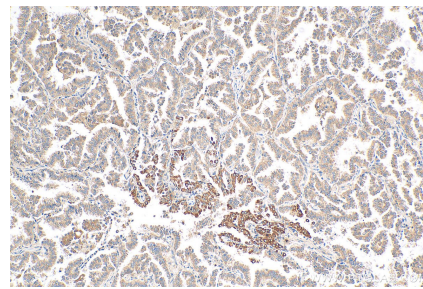
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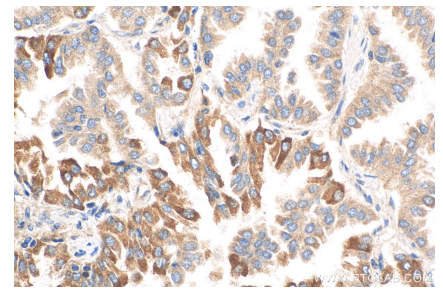
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30117-1-AP (TGFBR1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 30117-1-AP (TGFBR1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 30117-1-AP (TGFBR1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).