

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TBXA2R



Numéro de catalogue: 27159-1-AP

Phare

2 Publications

## Informations de base

Numéro de catalogue:

27159-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG25670

Numéro d'acquisition GenBank:

BC074750

Identification du gène (NCBI):

6915

Nom complet:

thromboxane A2 receptor

MW calculé

343aa,37 kDa; 1043aa,113 kDa

MW observés:

50-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IHC 1:50-1:500

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

rat, souris

Contrôles positifs:

WB : cellules HT-29, cellules DU 145, cellules HeLa, cellules MCF-7, cellules PC-3, tissu placentaire humain

IHC : tissu de cancer de la prostate humaine, tissu de cancer du sein humain

**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

TBXA2R, also named as thromboxane A2 receptor, TXA2-R and Prostanoid TP receptor, belongs to G-protein coupled receptor 1 family. Thromboxane A2 receptor is a key molecule in hemostasis as its abnormality leads to bleeding disorders. The TXA2-R receptor is linked via a guanine nucleotide-binding protein (G protein) to phospholipase C (PLC), which hydrolyses phosphoinositides to the two potent stimulatory second messengers inositol 1,4,5-triphosphate (IP3) and diacylglycerol. IP3 causes increases in cytoplasmic free calcium and diacylglycerol causes activation of protein kinase C. In the kidney, the binding of TXA2-R to glomerular TP receptors causes intense vasoconstriction. The two isoforms expressed in cultured cells show similar ligand binding characteristics and phospholipase C (PLC) activation but oppositely regulate adenylyl cyclase activity (PMID: 8613548).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Toshio Suzuki	35728047	Am J Respir Crit Care Med	WB
Meihe Li	33868179	Front Endocrinol (Lausanne)	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.

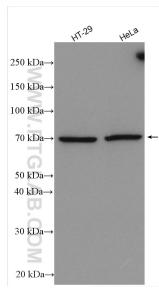
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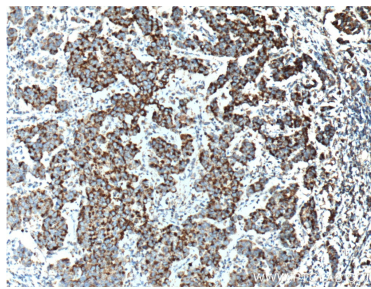
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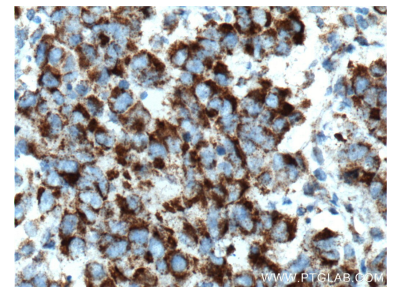
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 27159-1-AP (TBXA2R antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 27159-1-AP (TBXA2R Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 27159-1-AP (TBXA2R Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).