

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-WNT7A/B



Numéro de catalogue: 10605-1-AP

9 Publications

Informations de base

Numéro de catalogue:
10605-1-AP

Taille:
150ul, Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0874

Numéro d'acquisition GenBank:
BC008811

Identification du gène (NCBI):
7476

Nom complet:
wingless-type MMTV integration site family, member 7A

MW calculé:
39 kDa

MW observés:
35-39 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 1:20-1:200

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu rénal de souris, tissu hépatique de souris

IP : tissu rénal de souris,

IHC : tissu rénal humain,

IF : cellules HepG2,

Informations générales

The Wnt gene family encodes secreted signaling molecules that bind to frizzled receptors and influence oncogenesis and developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt7a is normally expressed in several organs, including the lung, testis, lymph node, and brain. As an oncogenic autocrine glycoprotein, Wnt7a promotes tumor invasion and distant metastasis with cancer-associated fibroblasts. Wnt7b is required for endothelial cells derived from pluripotent stem cells to acquire blood-brain barrier properties and may play an important role in the development of myopia in humans. This antibody can both recognize WNT7A and WNT7B.

Publications notables

Autrice	Pubmed ID	Journal	Application
Li Yao	34798170	Behav Brain Res	WB
Hwa-Ryeon Kim	34316710	NAR Cancer	WB
Bo Jia	30747225	Oncol Rep	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'aliquoteage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

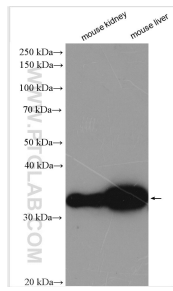
For technical support and original validation data for this product please contact:

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

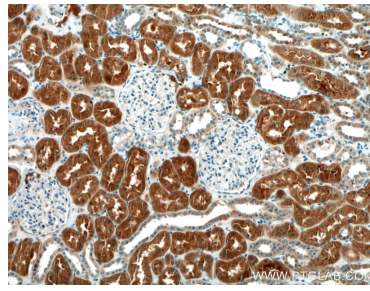
E: proteintech@ptglab.com
W: ptglab.com

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

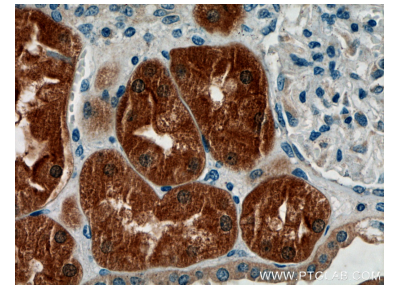
Données de validation sélectionnées



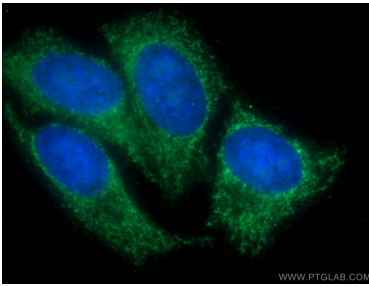
Various lysates were subjected to SDS PAGE followed by western blot with 10605-1-AP (WNT7A/B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



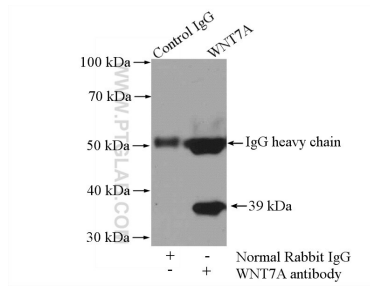
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10605-1-AP (WNT7A antibody) at dilution of 1:200 (under 10x lens).



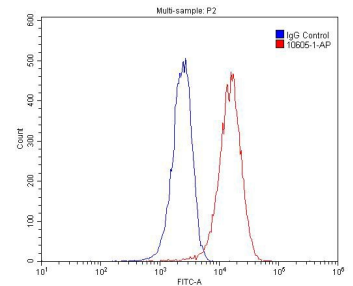
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10605-1-AP (WNT7A antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 10605-1-AP (WNT7A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-WNT7A (IP:10605-1-AP, 4 μ g; Detection:10605-1-AP 1:300) with mouse kidney tissue lysate 4000 μ g.



1X10⁶ HepG2 cells were stained with 0.2 μ g WNT7A antibody (10605-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.