Nur für Forschungszwecke

WNT7A/B Polyklonaler Antikörper

Katalog-Nr.:10605-1-AP 9 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
10605-1-AP

Größe:
150ul , Konzentration: 300 μg/ml von Nanodrop und 233 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0874

GenBank-Zugangsnummer:
BC008811

GeneID (NCBI):
7476

Vollständiger Name:
wingless-type MMTV integration site family, member 7A

Berechneté Masse:
39 kDa

Beobachteté Masse:
35-39 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
IHC 1:50-1:500
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Mausnierengewebe, Mauslebergewebe

IP : Mausnierengewebe,

IHC : humanes Nierengewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Li Yao	34798170	Behav Brain Res	WB
Yu-Qiu Hao	25738917	Oncol Rep	WB
Hwa-Ryeon Kim	34316710	NAR Cancer	WB

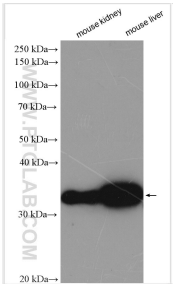
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

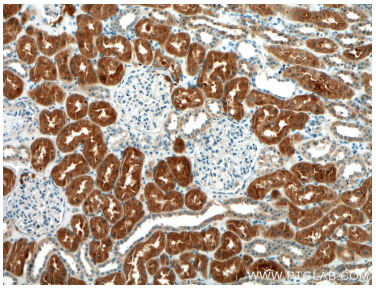
*** 20ul-Größen enthalten 0.1% BSA

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

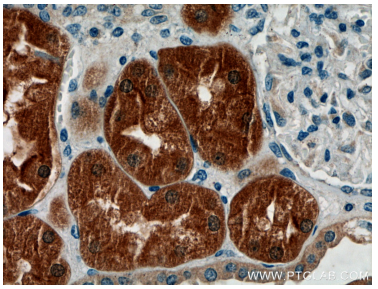
Ausgewählte Validierungsdaten



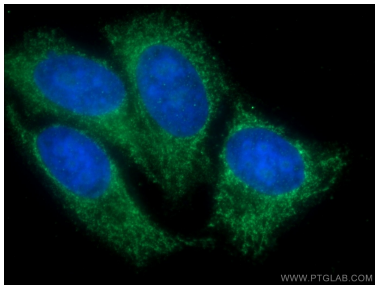
Various lysates were subjected to SDS PAGE followed by western blot with 10605-1-AP (WNT7A/B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



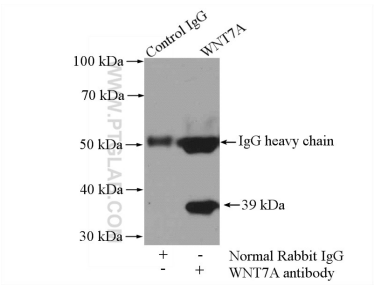
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10605-1-AP (WNT7A antibody) at dilution of 1:200 (under 10x lens).



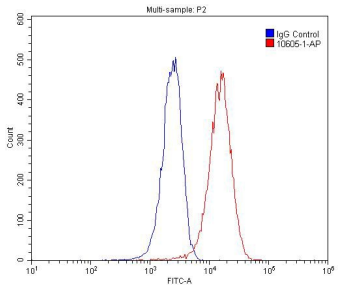
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 10605-1-AP (WNT7A antibody) at dilution of 1:200 (under 40x lens).



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, 4ug; Detection:10605-1-AP 1:300) with mouse kidney tissue lysate 4000ug.



1X10^6 HepG2 cells were stained with 0.2ug 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.