

Nur für Forschungszwecke

Uroguanylin Polyklonaler Antikörper



Katalog-Nr.:18113-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.: 18113-1-AP	GenBank-Zugangsnummer: BC093779	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2981	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:400-1:1600 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: guanylate cyclase activator 2B (uroguanylin)	
Isotyp: IgG	Berechnete Masse: 112 aa, 12 kDa	
Immunogen Katalognummer: AG12589	Beobachtete Masse: 12-13 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Maus-Pankreasgewebe, Maus-Dünndarmgewebe, Maus-Kolongewebe, Ratten-Pankreasgewebe IHC : humanes Pankreaskarzinomgewebe, humanes Kolonkarzinomgewebe, humanes Magengewebe, humanes Nierengewebe IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: IHC	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Uroguanylin, also named as GUCA2B, is a candidate intestinal natriuretic hormone that controls the sodium and water balance between the intestine and the kidneys. It has been reported that the uroguanylin knockout mouse exhibits elevated blood pressure. Therefore, the GUCA2B gene is thought to be a susceptibility gene for essential hypertension (EH).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nobuhiko Ebisutani	33381053	Front Physiol	IHC

Lagerung

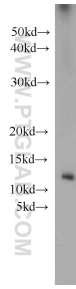
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

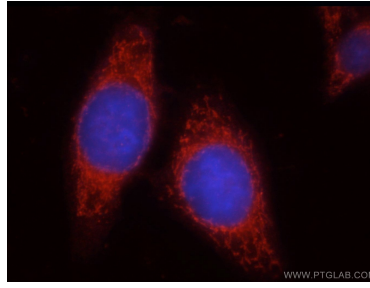
For technical support and original validation data for this product please contact:
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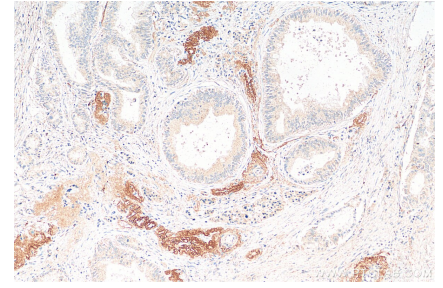
Ausgewählte Validierungsdaten



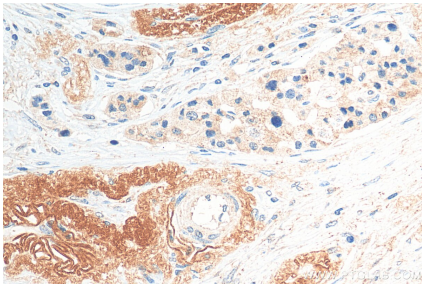
mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 18113-1-AP (Uroguanylin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



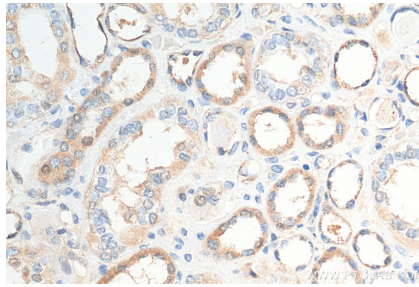
Immunofluorescent analysis of HepG2 cells using 18113-1-AP (Uroguanylin antibody) at dilution of 1:50 and Rhodamine-labeled goat anti-rabbit IgG (red).



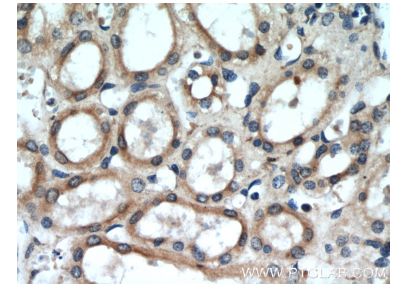
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



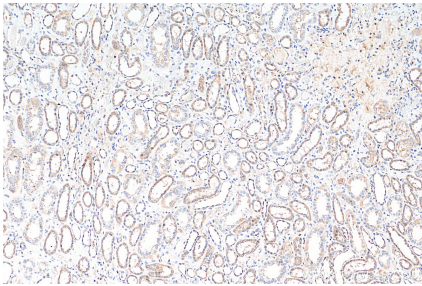
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney using 18113-1-AP (Uroguanylin antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18113-1-AP (Uroguanylin antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).