

Nur für Forschungszwecke

AQP9 Polyklonaler Antikörper

Katalog-Nr.:20380-1-AP



Allgemeine Informationen

Katalog-Nr.: 20380-1-AP	GenBank-Zugangsnummer: BC026258	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 450 µg/ml von Nanodrop;	GeneID (NCBI): 366	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:250-1:1000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: aquaporin 9	
Isotyp: IgG	Berechnete Masse: 295 aa, 31 kDa	
Immunogen Katalognummer: AG14200	Beobachtete Masse: 31 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

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: LO2-Zellen, Maushirngewebe, Maushodengewebe, Mauslebergewebe, Mauslungengewebe, Rattenhirngewebe, Rattenhodengewebe, Rattenlebergewebe

IHC: humanes Lebergewebe,

IF: humanes Lebergewebe, Maushirngewebe, Maushodengewebe

Hintergrundinformationen

Aquaporins (AQPs), also known as water channel proteins, are members of a large protein family that osmotically modulate water fluid homeostasis in several tissues. AQP9 (Aquaporin 9) is a member of the aquaporin family that acts as a water-selective membrane channel, and it may be involved in cell migration, angiogenesis, and tumor growth. AQP9 is involved in arsenic uptake in hepatocellular carcinoma cells, in which p38-MAPK may play a limited role. AQP9 was demonstrated to promote astrocytoma cell invasion and motility via the AKT pathway.

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**

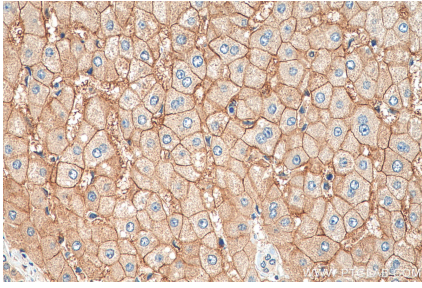
For technical support and original validation data for this product please contact:

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

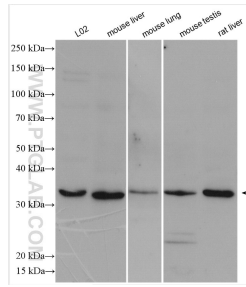
E: proteintech@ptglab.com
W: ptglab.com

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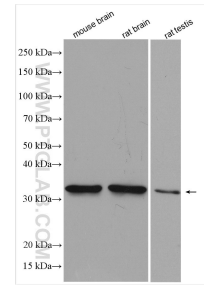
Ausgewählte Validierungsdaten



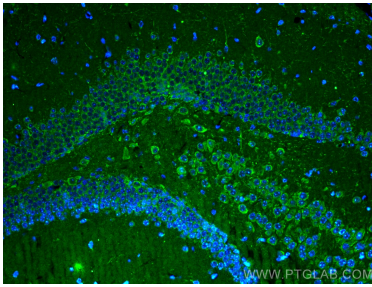
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 20380-1-AP (AQP9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



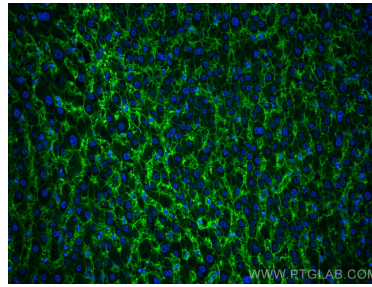
Various lysates were subjected to SDS PAGE followed by western blot with 20380-1-AP (AQP9 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



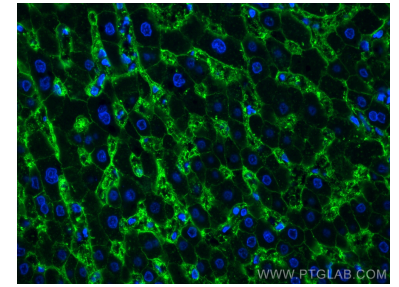
Various lysates were subjected to SDS PAGE followed by western blot with 20380-1-AP (AQP9 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using AQP9 antibody (20380-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using AQP9 antibody (20380-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using AQP9 antibody (20380-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).