

Nur für Forschungszwecke

TRPC6 Polyklonaler Antikörper

Katalog-Nr.:18236-1-AP

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.:
18236-1-AP

Größe:
150ul, Konzentration: 800 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG12976

GenBank-Zugangsnummer:
BC093658

GeneID (NCBI):
7225

Vollständiger Name:
transient receptor potential cation
channel, subfamily C, member 6

Berechnete Masse:
931 aa, 106 kDa

Beobachtete Masse:
100-110 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:50-1:500
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB: mouse brain, COLO 320-Zellen,
Mauslungengewebe

IP: Mauslungengewebe,

IHC: humanes Plazenta-Gewebe,

IF: HeLa-Zellen,

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

Hintergrundinformationen

Transient receptor potential canonical (TRPC) channels mediate the influx of different types of cations through the cell membrane and are involved in many functions of the organism (PMID: 28508319). The TRPC subfamily consists of seven members, TRPC1, TRPC2, TRPC3, TRPC4, TRPC5, TRPC6, TRPC7 (PMID: 32872338). TRPC6 is a Ca²⁺-permeable non-selective cation channel expressed in most human tissues. TRPC6 has been considered as potential therapeutic targets for malignant glioma treatment (PMID: 35489424).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Meitian Wang	31622821	Biomaterials	WB,IF
Vladimir Riazanski	26604306	Proc Natl Acad Sci U S A	IF
Xi He	33649466	Lab Invest	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

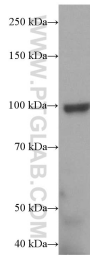
For technical support and original validation data for this product please contact:

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

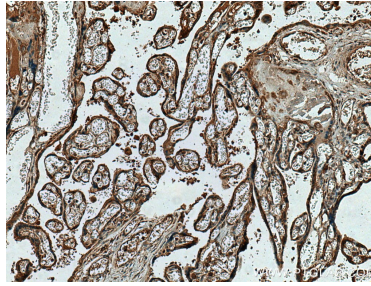
E: proteintech@ptglab.com
W: ptglab.com

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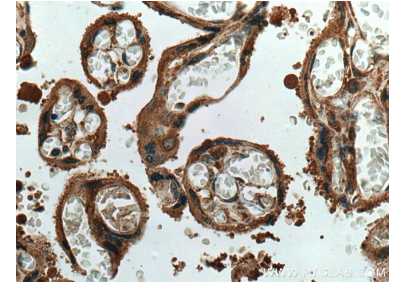
Ausgewählte Validierungsdaten



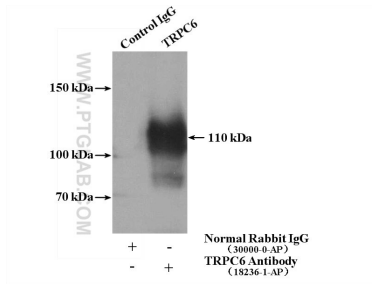
mouse brain tissue were subjected to SDS PAGE followed by western blot with 18236-1-AP (TRPC6 antibody) at dilution of 1:500.



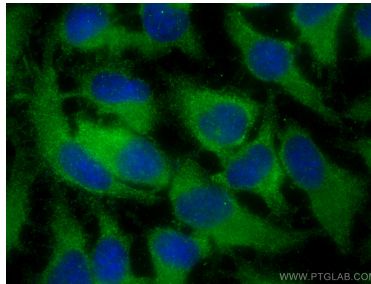
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18236-1-AP (TRPC6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



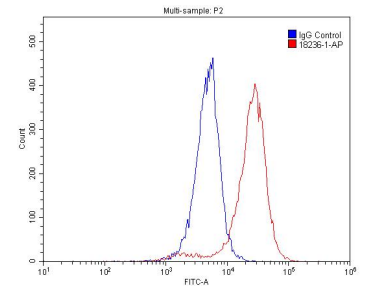
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18236-1-AP (TRPC6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TRPC6 (IP:18236-1-AP, 4ug; Detection:18236-1-AP 1:300) with mouse lung tissue lysate 3600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRPC6 antibody (18236-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ A549 cells were stained with 0.2ug TRPC6 antibody (18236-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.