

Nur für Forschungszwecke

ARL13B Polyklonaler Antikörper

Katalog-Nr.:17711-1-AP

Vorgestelltes Produkt

631 Publikationen



Allgemeine Informationen

Katalog-Nr.: 17711-1-AP	GenBank-Zugangsnummer: BC094725	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 200894	Empfohlene Verdünnungen: WB 1:1000-1:6000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: ADP-ribosylation factor-like 13B	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 48 kDa	
Immunogen Katalognummer: AG12015	Beobachtete Masse: 40-48 kDa, 60 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Hund, Maus, Ratte

Zitierte Arten:

Affe, Hausschwein, Huhn, Human, Hund, Maus, Ratte, Zebrafisch, Krallenfrosch (Xenopus)

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

Positivkontrollen:

WB: LO2-Zellen, Maushirngewebe, Mauslebergewebe, Mausnierengewebe, NIH/3T3-Zellen, Rattenlebergewebe, Rattennierengewebe

IP: LO2-Zellen,

IHC: Maushirngewebe, humanes Hodengewebe, humanes Lebergewebe, humanes Nierengewebe

IF: MDCK-Zellen, hTERT-RPE1-Zellen, NIH3T3-Zellen

Hintergrundinformationen

ARL13B, also named as ARL2L1, is a small ciliary G protein of the Ras superfamily. Localized in the cilia, it is required for cilium biogenesis and sonic hedgehog signaling. Defects in ARL13B are the cause of Joubert syndrome (JS) which is an autosomal recessive disorder characterized by a distinctive cerebellar malformation (PMID: 19906870). This antibody detects two specific bands at 60 kDa and 48 kDa. Arl13b is predicted to be a 48 kDa protein, and the 60 kDa band is likely to represent a modified form of Arl13b. ARL13B can be used to mark the cilia (PMID:22072986).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yi Chung Lim	26430510	Cilia	IF
Silvia Pietrobono	34638386	Cancers (Basel)	IF
Mandy Lokaj	26455799	Structure	IF

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

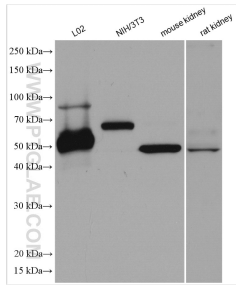
For technical support and original validation data for this product please contact:

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

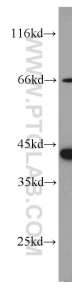
E: proteintech@ptglab.com
W: ptglab.com

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

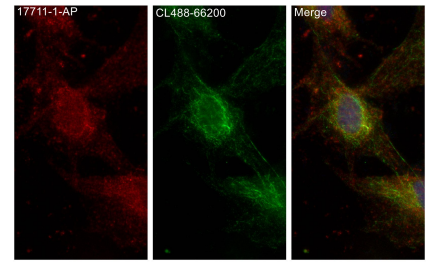
Ausgewählte Validierungsdaten



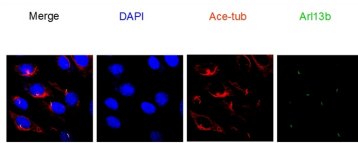
Various lysates were subjected to SDS PAGE followed by western blot with 17711-1-AP (ARL13B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 17711-1-AP (ARL13B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

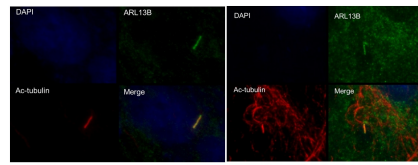


Immunofluorescent analysis of (4% PFA) fixed MDCK cells using ARL13B antibody (17711-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

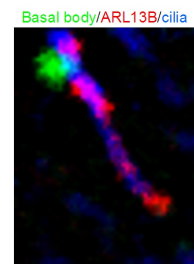


NIH3T3 cell line, 1:500

IF result of anti-ARL13B (17711-1-AP) in NIH3T3 cell by Dr. Sudipto.

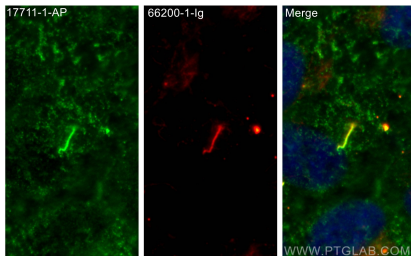


IF result of ARL13B antibody (17711-1-AP) in hTERT-RPE cell fixed with 4% PFA or Methanol.

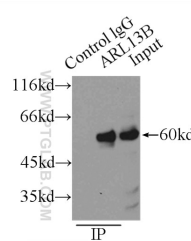


Mouse embryonic fibroblasts

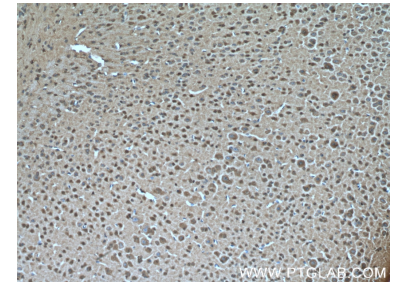
IF result from Dr. Corbit, Kevin. anti-ARL13B (17711-1-AP) mark the cilium of Mouse embryonic fibroblasts.



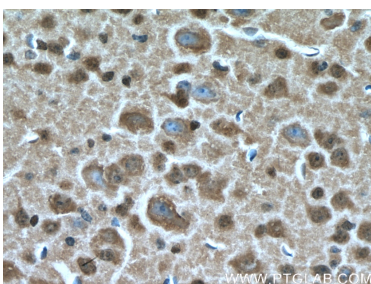
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using ARL13B antibody (17711-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), acetylated Tubulin(Lys40) antibody (66200-1-Ig, Clone: 7E5H8, red).



IP Result of anti-ARL13B (IP:17711-1-AP, 3ug; Detection:17711-1-AP 1:1000) with L02 cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17711-1-AP (ARL13B 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 mouse brain tissue slide using 17711-1-AP (ARL13B Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).