Nur für Forschungszwecke

IFT88 Polyklonaler Antikörper

Katalog-Nr.:13967-1-AP Vorgestelltes Produkt 318 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
13967-1-AP

Größe:
150ul , Konzentration: 400 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4980

GenBank-Zugangsnummer:
BC030776

GeneID (NCBI):
8100

Vollständiger Name:
intraflagellar transport 88 homolog (Chlamydomonas)

Berechneté Masse:
94 kDa

Beobachteté Masse:
88-95 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:3000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:50-1:500

Anwendungen

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

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human, Hund, Maus, Ratte

Zitierte Arten:
Hausschwein, Huhn, Human, Hund, Maus, Ratte, Zebrafisch

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

Positivkontrollen:

WB : HEK-293-Zellen, Jurkat-Zellen, MDCK-Zellen, NIH/3T3-Zellen

IP : Knockout-Zellen und WT-Zellen, HEK-293-Zellen

IHC : humanes Herzgewebe, humanes Pankreasgewebe

IF : MDCK-Zellen, C2C12-Zellen, hTERT-RPE1-Zellen

Hintergrundinformationen

Intraflagellar transport (IFT), mediated by molecular motors and IFT particles, is an important transport process that occurs in the cilium and has been shown to be essential for the assembly and maintenance of cilia and flagella in many organisms. IFT88 (intraflagellar transport protein 88; also known as TG737 or TTC10) is a component of IFT particles and required for cilium biogenesis. Defects in IFT88/Tg737 lead to polycystic kidney disease (11062270). IFT88 localizes to spindle poles during mitosis and is required for spindle orientation in mitosis (21441926). This antibody was raised against the C-terminal region of human IFT88 and can detect the endogenous level of IFT88.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lei Wang	30258116	Nat Commun	WB,IF
Ivan Duran	27666822	Sci Rep	WB
Ana Martin-Hurtado	31554934	Sci Rep	WB,IF

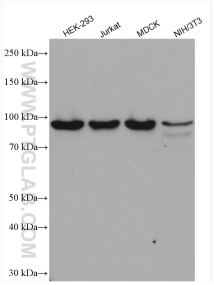
Lagerung

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

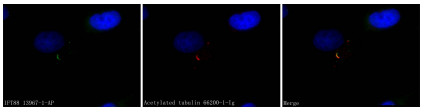
*** 20ul-Größen enthalten 0.1% BSA

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

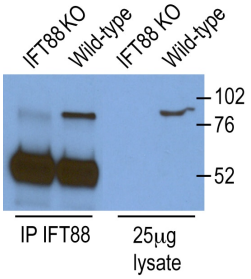
Ausgewählte Validierungsdaten



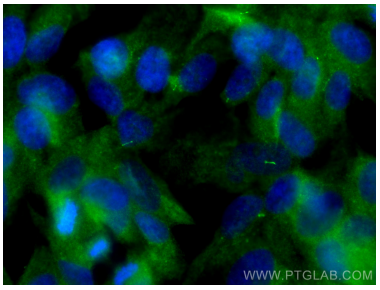
Various lysates were subjected to SDS PAGE followed by western blot with 13967-1-AP (IFT88 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



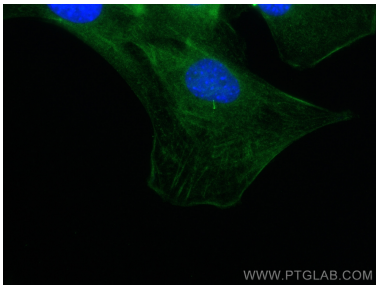
Immunofluorescent analysis of (4% PFA) fixed MDCK cells using 13967-1-AP (IFT88 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



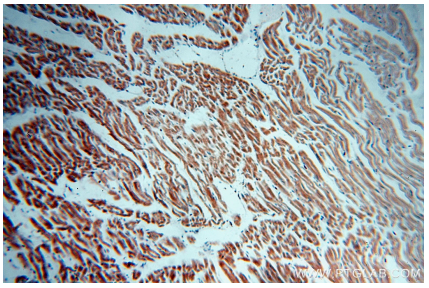
IP and WB result of IFT88 (13967-1-AP) from Dr. Corbit, Kevin. Knockout cells and WT cells.



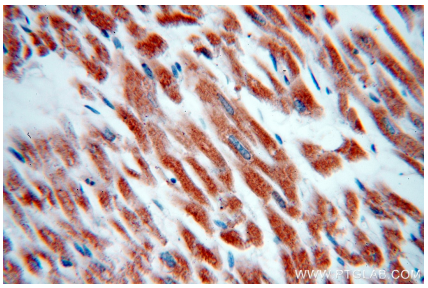
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using IFT88 antibody (13967-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using IFT88 antibody (13967-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human heart using 13967-1-AP (IFT88 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 13967-1-AP (IFT88 antibody) at dilution of 1:50 (under 40x lens).