

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IFT88



Numéro de catalogue: 13967-1-AP

Phare

322 Publications

Informations de base

Numéro de catalogue:

13967-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4980

Numéro d'acquisition GenBank:

BC030776

Identification du gène (NCBI):

8100

Nom complet:

intraflagellar transport 88 homolog (Chlamydomonas)

MW calculé

94 kDa

MW observés:

88-95 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

canin, Humain, rat, souris

Espèces citées:

canin, Humain, poisson-zèbre, porc, poulet, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IP : cellules knockout et cellules WT, cellules HEK-293

IHC : tissu cardiaque humain, tissu pancréatique humain

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

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

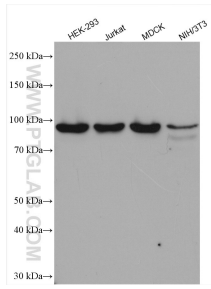
For technical support and original validation data for this product please contact:

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

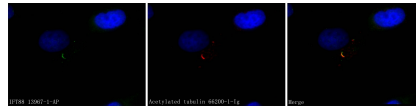
E: proteintech@ptglab.com
W: ptglab.com

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

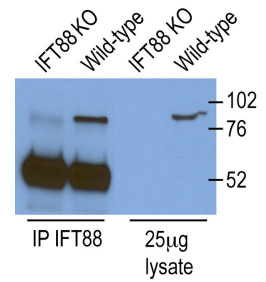
Données de validation sélectionnées



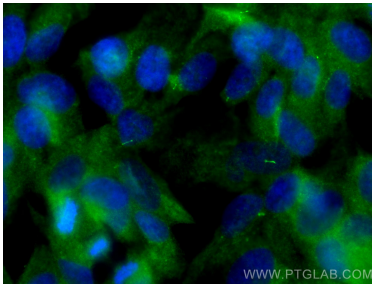
Various lysates were subjected to SDS PAGE followed by western blot with 13967-1-AP (IFT88 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



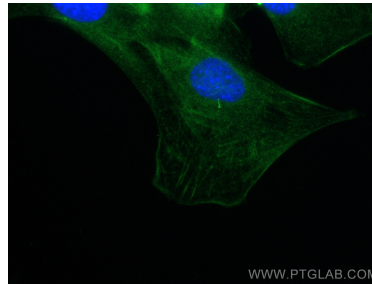
Immunofluorescent analysis of (4% PFA) fixed MDCK cells using 13967-1-AP (IFT88 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



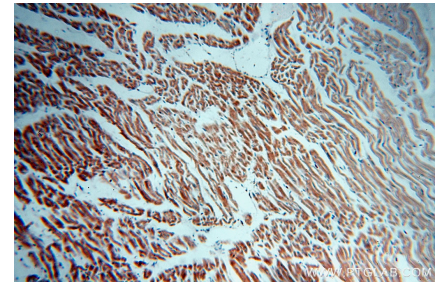
IP and WB result of IFT88 (13967-1-AP) from Dr. Corbit, Kevin. Knockout cells and WT cells.



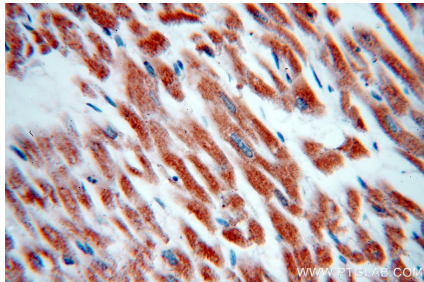
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using IFT88 antibody (13967-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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).