

À des fins de recherche uniquement

Anticorps Monoclonal anti-IFT88

Numéro de catalogue: 60227-1-Ig

Phare

5 Publications



Informations de base

Numéro de catalogue:

60227-1-Ig

Numéro d'acquisition GenBank:

BC030776

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

8100

CloneNo.:

4A4G5

Hôte:

Mouse

Nom complet:

intraflagellar transport 88 homolog (Chlamydomonas)

Dilutions recommandées:

WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Isotype:

IgG1

MW calculé

94 kDa

MW observés:

88-95 kDa

Immunogen Catalog Number:

AG4980

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

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

Contrôles positifs:

WB : testicule humain, tissu

IP : cellules PC-3,

IHC : tissu rénal humain, tissu cardiaque humain, tissu pancréatique humain

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
Ji Yeon Choi	34500843	Molecules	WB
Jiawei Li	34746145	Front Cell Dev Biol	WB
Caleb S Hayes	31188487	J Cell Physiol	WB

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.

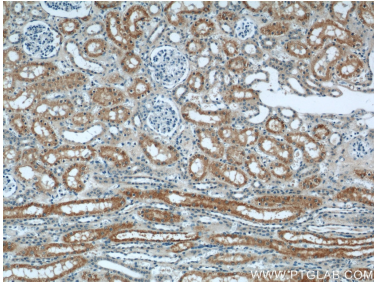
For technical support and original validation data for this product please contact:

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

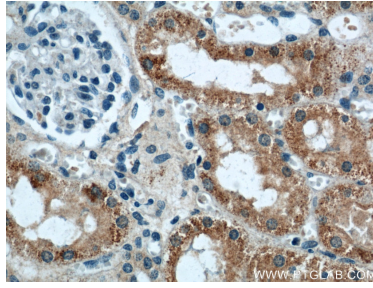
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



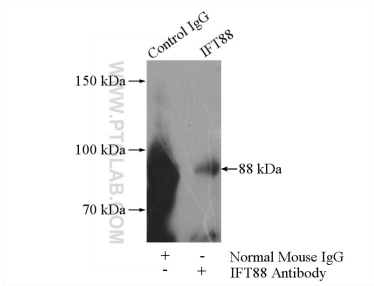
Immunohistochemical analysis of paraffin-embedded human kidney using 60227-1-Ig(IFT88 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 60227-1-Ig(IFT88 antibody) at dilution of 1:50 (under 40x lens).



human testis tissue were subjected to SDS PAGE followed by western blot with 60227-1-Ig (IFT88 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-IFT88 (IP:60227-1-Ig, 5ug; Detection:60227-1-Ig 1:800) with PC-3 cells lysate 1040ug.