

À des fins de recherche uniquement

Anticorps Monoclonal anti-IFT81

Numéro de catalogue: 67987-1-Ig



Informations de base

Numéro de catalogue: 67987-1-Ig	Numéro d'acquisition GenBank: BC029349	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 28981	CloneNo.: 1D5A3
Hôte: Mouse	Nom complet: intraflagellar transport 81 homolog (Chlamydomonas)	Dilutions recommandées: WB 1:5000-1:50000 IF 1:1000-1:4000
Isotype: IgG1	MW calculé 676 aa, 80 kDa	
Immunogen Catalog Number: AG31629	MW observés: 70-80 kDa	

Applications

Applications testées:

IF, WB, ELISA

Spécificité de l'espèce:

Humain, Lapin, rat, souris

Contrôles positifs:

WB : cellules HEK-293, cellules hTERT-RPE1, cellules MDCK, cellules NCCIT, tissu cérébral de lapin, tissu testiculaire de rat, tissu testiculaire de souris, tissu testiculaire humain

IF : 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. IFT particles are multi-subunit complexes of proteins that functions to move non-membrane-bound particles from the cell body to the tip of cilium or flagellum, then return them to the cell body. Transport towards the ciliary tip is regulated by the IFT complex B (IFT-B), consisting of at least 15 IFT proteins, in association with kinesin motors, whereas transport from the ciliary tip back to the base is executed by a dynein motor in association with the IFT complex A (IFT-A), currently known to be composed of six IFT proteins. IFT81 is a subunit of IFT complex B. It may play a role in development of the testis and spermatogenesis. There are some isoforms of IFT81 with 73-78 kDa and 43-50 kDa.

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.**

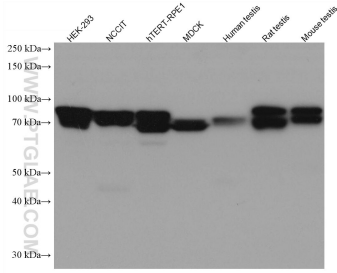
For technical support and original validation data for this product please contact:

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

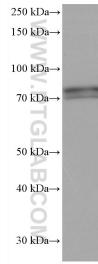
E: proteintech@ptglab.com
W: ptglab.com

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

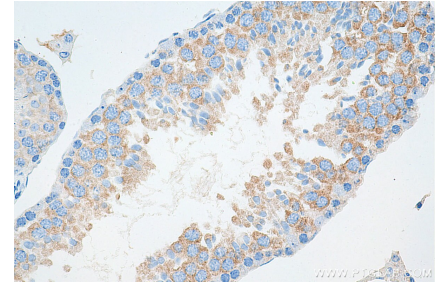
Données de validation sélectionnées



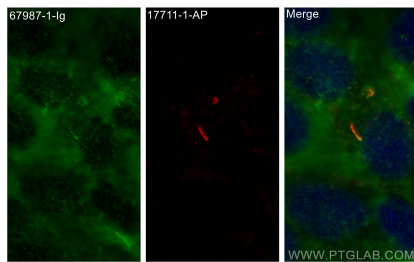
Various lysates were subjected to SDS PAGE followed by western blot with 67987-1-Ig (IFT81 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



rabbit brain tissue were subjected to SDS PAGE followed by western blot with 67987-1-Ig (IFT81 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67987-1-Ig (IFT81 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using IFT81 antibody (67987-1-Ig, Clone: 1D5A3) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), ARL13B antibody (17711-1-AP, red).