

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-IFT140



Numéro de catalogue: 17460-1-AP

Phare

66 Publications

## Informations de base

Numéro de catalogue:  
17460-1-AP

Taille:  
150ul, Concentration: 900 µg/ml by Nanodrop and 487 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG11119

Numéro d'acquisition GenBank:  
BC035577

Identification du gène (NCBI):  
9742

Nom complet:  
intraflagellar transport 140 homolog (Chlamydomonas)

MW calculé:  
1462 aa, 165 kDa

MW observés:  
140 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:6000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IHC 1:50-1:500  
IF 1:400-1:1600

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
canin, Humain, poisson-zèbre, 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 : cellules HeLa, cellules HepG2, tissu testiculaire de rat, tissu testiculaire de souris

IP : tissu testiculaire de rat,

IHC : tissu testiculaire de souris, tissu de muscle squelettique humain

IF : cellules C2C12, cellules hTERT-RPE1, tissu testiculaire de souris

## Informations générales

IFT140 is a subunit of intraflagellar transport complex A (IFT-A) which is involved in retrograde ciliary transport. RT-PCR analysis showed it is highly expressed in kidney, moderately in ovary, testis, prostate, and lung. IFT140 is localised to the base and tip of primary cilium. IFT140 has a pivotal role in development and function of ciliated cells, and mutations of IFT140 cause skeletal, renal, and retinal ciliopathies. It had been detected as a single band around 140-165 kDa in different reports. (PMID: 20368623, 22282595)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lei Wang	30258116	Nat Commun	IF
Jesús Muñoz-Estrada	31391239	J Cell Sci	IF
Carol-Anne Martin	25344692	Nat Genet	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.

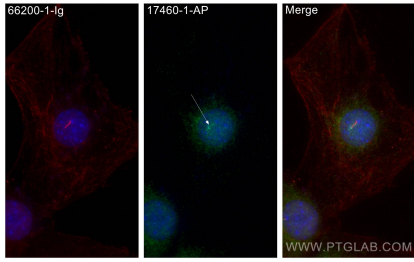
For technical support and original validation data for this product please contact:

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

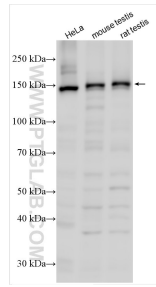
E: proteintech@ptglab.com  
W: ptglab.com

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

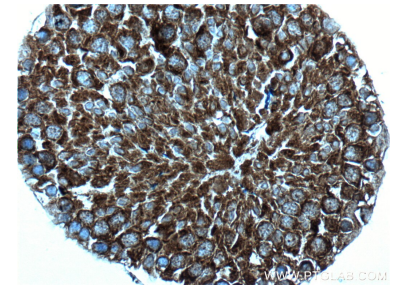
## Données de validation sélectionnées



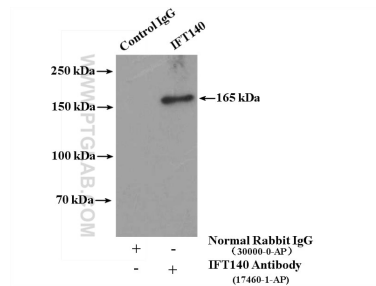
Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using IFT140 antibody (17460-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), acetylated Tubulin(Lys40) antibody (66200-1-Ig, Clone: 7E5H8, red).



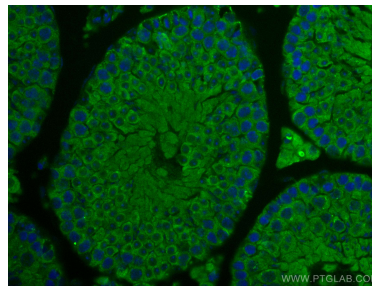
Various lysates were subjected to SDS PAGE followed by western blot with 17460-1-AP (IFT140 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



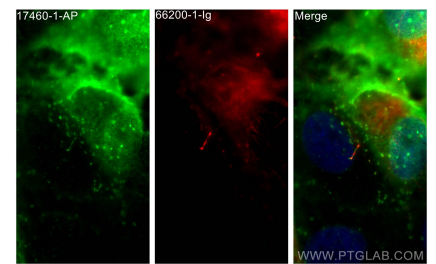
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17460-1-AP (IFT140 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-IFT140 (IP:17460-1-AP, 4ug; Detection:17460-1-AP 1:300) with rat testis tissue lysate 4400ug.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using IFT140 antibody (17460-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). DAPI (blue).



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using IFT140 antibody (17460-1-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).