

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NPHP5,IQCB1



Numéro de catalogue:15747-1-AP

2 Publications

Informations de base

Numéro de catalogue:

15747-1-AP

Taille:

150ul , Concentration: 500 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8203

Numéro d'acquisition GenBank:

BC005806

Identification du gène (NCBI):

9657

Nom complet:

IQ motif containing B1

MW calculé

598 aa, 69 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IF 1:10-1:100

Applications

Applications testées:

IF, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

IF : cellules hTERT-RPE1,

Informations générales

IQCB1, also known as NPHP5, is a nephrocystin protein that interacts with calmodulin and the retinitis pigmentosa GTPase regulator protein. It has a central coiled-coil region and two calmodulin-binding IQ domains. Localized to the primary cilia of renal epithelial cells and connecting cilia of photoreceptor cells, IQCB1 is thought to play a role in ciliary function. Mutations in this gene result in Senior-Loken syndrome type 5, a juvenile disorder characterized by defects in the waste filtering system of the kidney, as well as retinal degradation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Antonia Wiegering	33625872	Mol Biol Cell	
Barbelanne Marine M	23446637	Hum Mol 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.

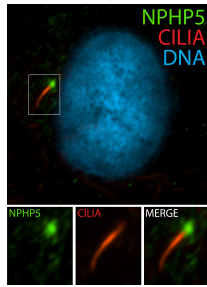
For technical support and original validation data for this product please contact:

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

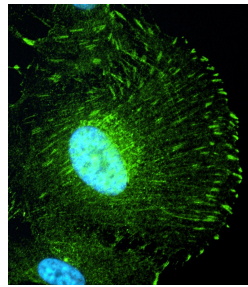
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



IF Result of anti-NPHP5 (15747-1-AP) show the base of cilia in human hTERT-RPE1 cells by Dr. Moshe Kim.



IF Result of anti-NPHP5 (15747-1-AP,1:50) show 'focal adhesion-like' structures in human hTERT-RPE1 cells by Dr. Moshe Kim. 1% PFA fixation.