

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IPO5

Numéro de catalogue: 67962-1-Ig



## Informations de base

Numéro de catalogue: 67962-1-Ig	Numéro d'acquisition GenBank: BC001497	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3843	CloneNo.: 1E2B9
Hôte: Mouse	Nom complet: importin 5	Dilutions recommandées: WB 1:1000-1:5000 IHC 1:250-1:1000 IF 1:200-1:800
Isotype: IgG1	MW observés: 124 kDa	
Immunogen Catalog Number: AG30955		

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, 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 HeLa, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules PC-12

IHC : tissu testiculaire de souris,

IF : cellules A431,

## Informations générales

IPO5 is a member of the importin beta family. Structurally, the protein adopts the shape of a right-hand solenoid and is composed of 24 HEAT repeats. IPO5 facilitates cytoplasmic polyadenylation element-binding protein CPEB3 translocation by binding to the RRM1 motif of CPEB3 in neurons. NMDAR signaling increases RanBP1 expression and reduces the level of cytoplasmic GTP-bound Ran. These changes enhance CPEB3-IPO5 interaction, which consequently accelerates the nuclear import of CPEB3 and promotes its nuclear function.

## 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.

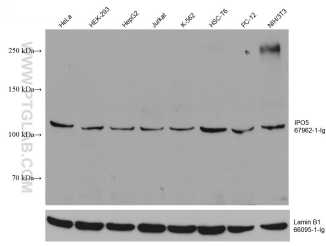
For technical support and original validation data for this product please contact:

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

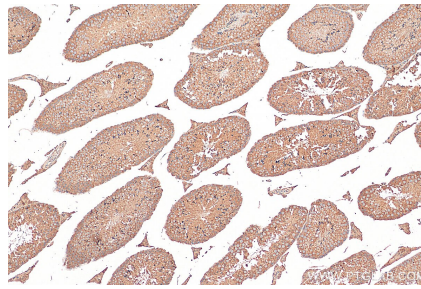
E: proteintech@ptglab.com  
W: ptglab.com

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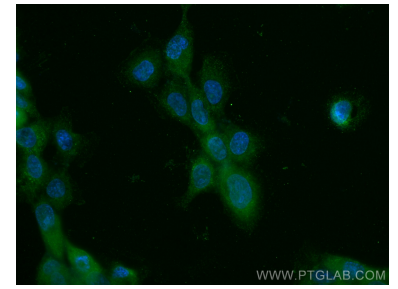
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67962-1-Ig (IPO5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67962-1-Ig (IPO5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using IPO5 antibody (67962-1-Ig, Clone: 1E2B9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).