

À des fins de recherche uniquement

# Anticorps Monoclonal anti-EXOSC2

Numéro de catalogue: 66099-1-Ig **6 Publications**



## Informations de base

Numéro de catalogue: 66099-1-Ig	Numéro d'acquisition GenBank: BC000747	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1800 µg/ml by Nanodrop and 1267 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 23404	CloneNo.: 1G8B1
Hôte: Mouse	Nom complet: exosome component 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG2a	MW calculé: 33 kDa	
Immunogen Catalog Number: AG7003	MW observés: 33 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain

**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 HepG2, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules K-562, cellules LNCaP, cellules U2OS

IHC : tissu hépatique humain, tissu de cancer de la peau humain

IF : cellules HepG2,

## Informations générales

In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snoRNA and snRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs [PMID:15346807]. EXOSC2 is a non-catalytic component of the RNA exosome complex that has 3'->5' exonuclease activity and involves in a multitude of cellular RNA processing and degradation events [PMID:17545563].

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tobias Moll	36241425	Life Sci Alliance	WB
Tobias Moll	35291294	bioRxiv	WB
Rongli Wang	35784556	Front Endocrinol (Lausanne)	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.

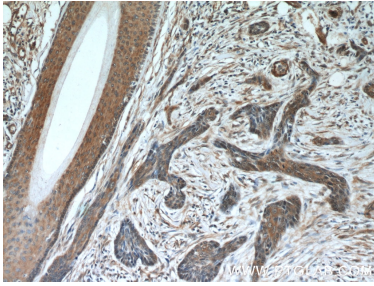
For technical support and original validation data for this product please contact:

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

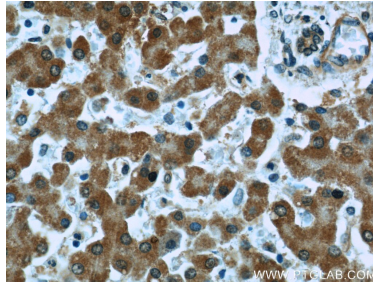
E: proteintech@ptglab.com  
W: ptglab.com

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

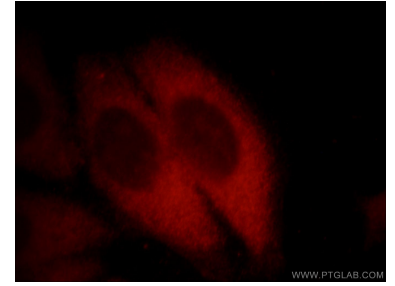
## Données de validation sélectionnées



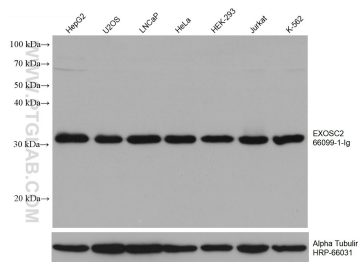
Immunohistochemical analysis of paraffin-embedded human skin cancer slide using 66099-1-Ig (EXOSC2 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human liver slide using 66099-1-Ig (EXOSC2 Antibody) at dilution of 1:50.



Immunofluorescent analysis of fixed HepG2 cells using 66099-1-Ig (EXOSC2 antibody) at dilution of 1:25.



Various lysates were subjected to SDS PAGE followed by western blot with 66099-1-Ig (EXOSC2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.