

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EXOSC4



Numéro de catalogue: 15937-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:

15937-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7595

Numéro d'acquisition GenBank:

BC002777

Identification du gène (NCBI):

54512

Nom complet:

exosome component 4

MW calculé

26 kDa

MW observés:

27 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IHC 1:400-1:1600

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

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 HEK-293T, cellules HCT 116, cellules HeLa, cellules Jurkat, cellules SW480, tissu hépatique de rat, tissu hépatique de souris

IHC : tissu de cancer de la peau humain,

IF : cellules HepG2,

Informations générales

EXOSC4, also named as RRP41 and SKI6, belongs to the RNase PH family. EXOSC4 is a novel component of the human exosome complex. EXOSC4 is the most important RNA processing machinery in maturation and degradation of RNA playing a major role in gene expression regulation (PMID: 29626590). EXOSC4 has 1 isoform with the molecular mass of 27 kDa. However, studies have shown that EXOSC4 can interact with EXOSC2 and EXOSC7, possibly form a complex with the molecular weight of 90 kDa (PMID: 25115889). Recently, EXOSC4 has been found to play important roles in tumorigenesis and development including CRC (PMID: 33075373).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yong-Xia Wang	33075373	Life Sci	WB,IHC
Tobias Moll	36241425	Life Sci Alliance	WB
Tzu-Wei Chuang	26887951	J Biol Chem	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.

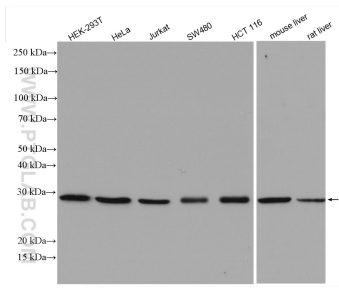
For technical support and original validation data for this product please contact:

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

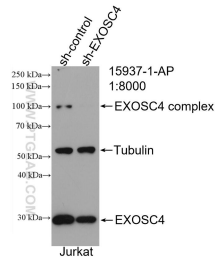
E: proteintech@ptglab.com
W: ptglab.com

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

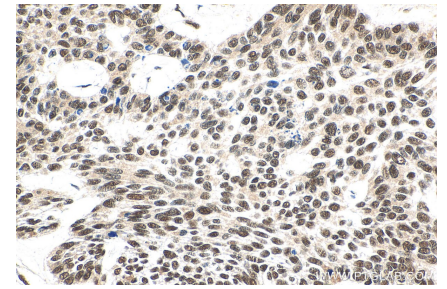
Données de validation sélectionnées



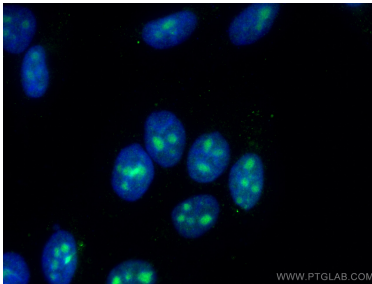
Various lysates were subjected to SDS PAGE followed by western blot with 15937-1-AP (EXOSC4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



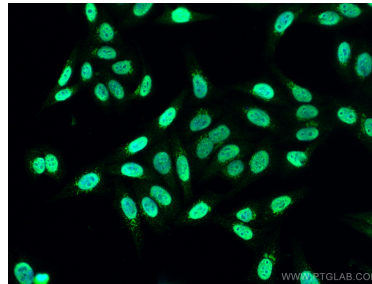
WB result of EXOSC4 antibody (15937-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC4 transfected Jurkat cells.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 15937-1-AP (EXOSC4 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using EXOSC4 antibody (15937-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using EXOSC4 antibody (15937-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).