

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-EXOSC3



Numéro de catalogue: 15062-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:

15062-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7065

Numéro d'acquisition GenBank:

BC002437

Identification du gène (NCBI):

51010

Nom complet:

exosome component 3

MW calculé

30 kDa

MW observés:

31 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IF 1:200-1:800

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A2780, cellules HEK-293T, cellules NIH/3T3, cellules PC-3, tissu splénique de souris

IP : cellules A2780,

IF : cellules PC-3,

Informations générales

RNA exosomes are multi-subunit complexes conserved throughout evolution, and they are emerging as the major cellular machinery for processing, surveillance and turnover of a diverse spectrum of coding and noncoding RNA substrates essential for viability [PMID:22544365]. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts [PMID:11782436]. EXOSC3 is a non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and involves in a multitude of cellular RNA processing and degradation events. EXOSC3 as peripheral part of the Exo-9 complex stabilizes the hexameric ring of Rnase PH-domain subunits through contacts with EXOSC9 and EXOSC5 [PMID:21255825].

Publications notables

Autrice	Pubmed ID	Journal	Application
Katarzyna Kalisiak	28204585	Nucleic Acids Res	WB
Katarzyna Kalisiak	27679475	Nucleic Acids Res	WB
Marta Lloret-Llinares	30212902	Nucleic Acids Res	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.

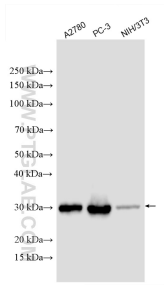
For technical support and original validation data for this product please contact:

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

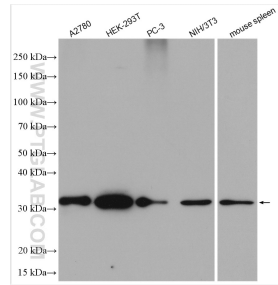
E: proteintech@ptglab.com
W: ptglab.com

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

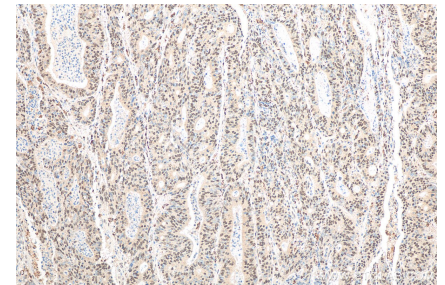
Données de validation sélectionnées



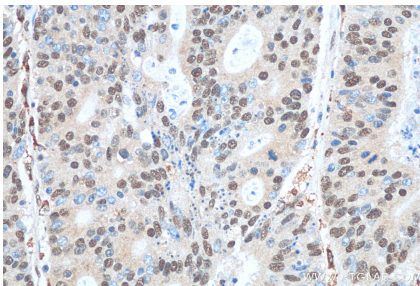
Various lysates were subjected to SDS PAGE followed by western blot with 15062-1-AP (EXOSC3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



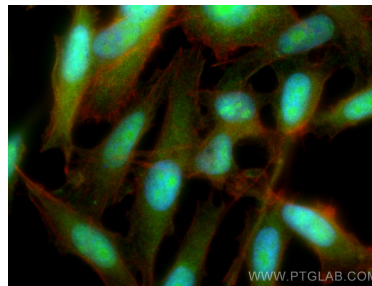
Various lysates were subjected to SDS PAGE followed by western blot with 15062-1-AP (EXOSC3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



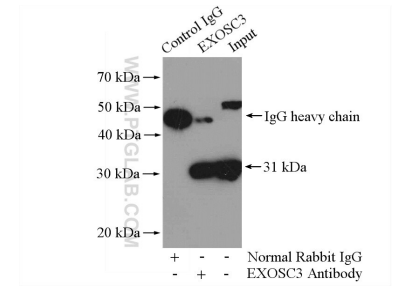
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15062-1-AP (EXOSC3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15062-1-AP (EXOSC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using EXOSC3 antibody (15062-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP Result of anti-EXOSC3 (IP:15062-1-AP, 4ug; Detection:15062-1-AP 1:500) with A2780 cells lysate 800ug.