

Nur für Forschungszwecke

EXOSC4 Polyklonaler Antikörper

Katalog-Nr.:15937-1-AP

Vorgestelltes Produkt

3 Publikationen



Allgemeine Informationen

Katalog-Nr.:
15937-1-AP

Größe:
150ul, Konzentration: 400 µg/ml von
Nanodrop und 233 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG7595

GenBank-Zugangsnummer:
BC002777

GeneID (NCBI):
54512

Vollständiger Name:
exosome component 4

Berechnete Masse:
26 kDa

Beobachtete Masse:
27 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000

IHC 1:400-1:1600

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HEK-293T-Zellen, HCT 116-Zellen, HeLa-Zellen, Jurkat-Zellen, Mauslebergewebe, Rattenlebergewebe, SW480-Zellen

IHC: humanes Hautkrebsgewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

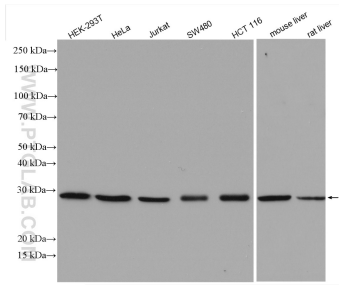
For technical support and original validation data for this product please contact:

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

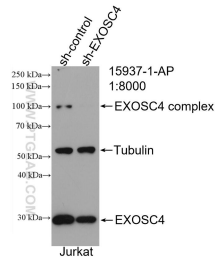
E: proteintech@ptglab.com
W: ptglab.com

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

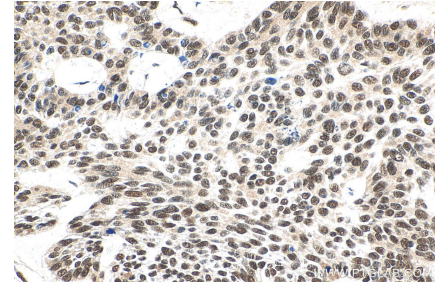
Ausgewählte Validierungsdaten



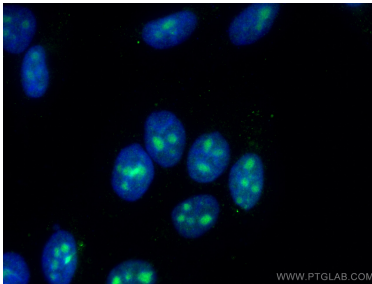
Various lysates were subjected to SDS PAGE followed by western blot with 15937-1-AP (EXOSC4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



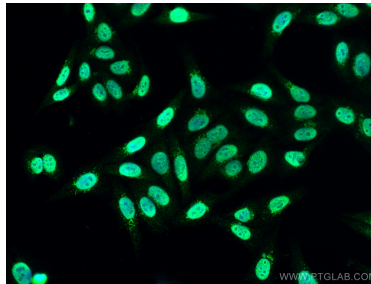
WB result of EXOSC4 antibody (15937-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EXOSC4 transfected Jurkat cells.



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).