

Allgemeine Informationen

Katalog-Nr.: 66099-1-Ig	GenBank-Zugangsnummer: BC000747	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1800 µg/ml von 1267 µg/ml durch die Nanodrop und 1267 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23404	CloneNo.: 1G8B1
Wirt: Maus	Vollständiger Name: exosome component 2	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Isotyp: IgG2a	Berechnete Masse: 33 kDa	
Immunogen Katalognummer: AG7003	Beobachtete Masse: 33 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: WB	WB: Jurkat-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen
Getestete Reaktivität: Human	IHC: humanes Lebergewebe, humanes Hautkrebsgewebe
Zitierte Arten: Human	IF: HepG2-Zellen,
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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].

Bemerkenswerte Veröffentlichungen

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

Lagerung

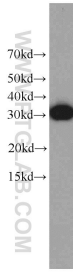
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

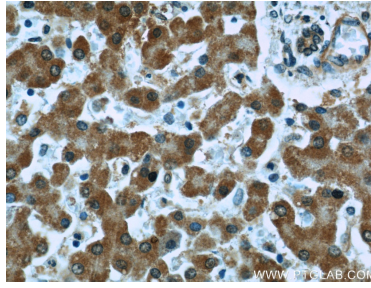
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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

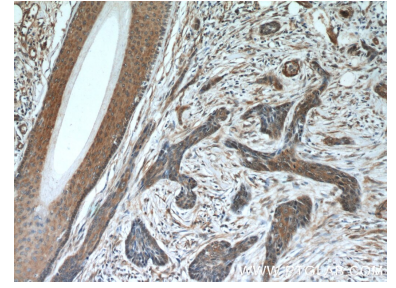
Ausgewählte Validierungsdaten



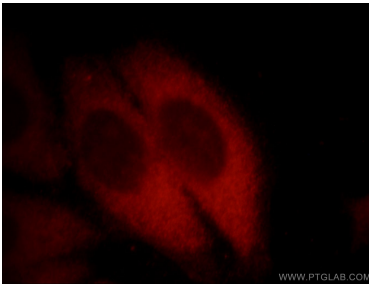
Jurkat cells were subjected to SDS PAGE followed by western blot with 66099-1-Ig (EXOSC2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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



Immunohistochemical analysis of paraffin-embedded human skin cancer 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.