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Datasheet for ABIN7267064 anti-EXOSC7 antibody

2 Images



Overview

Quantity:	100 µL
Target:	EXOSC7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This EXOSC7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	EXOSC7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human EXOSC7.
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	EXOSC7
Alternative Name:	EXOSC7 (EXOSC7 Products)
Background:	Non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7267064 | 04/23/2024 | Copyright antibodies-online. All rights reserved. activity and participates in a multitude of cellular RNA processing and degradation events. 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 noncoding '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. The RNA exosome may be involved in Ig class switch recombination (CSR and/or Ig variable region somatic hypermutation (SHM by targeting AICDA deamination activity to transcribed dsDNA substrates. 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. It seems to be involved in degradation of histone mRNA. The catalytic inactive RNA exosome core complex of 9 subunits (Exo-9 is proposed to play a pivotal role in the binding and presentation of RNA for ribonucleolysis, and to serve as a scaffold for the association with catalytic subunits and accessory proteins or complexes.,EXOSC7, EAP1, RRP42, Rrp42p, hRrp42p, p8, exosome component 7, Epigenetics & Nuclear Signaling, EXOSC7

Molecular Weight:	32kDa
Gene ID:	23016
UniProt:	Q15024

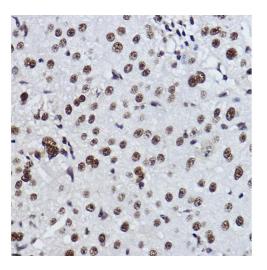
Application Details

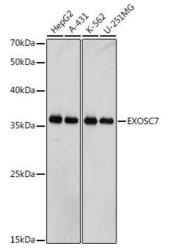
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using EXOSC7 Rabbit mAb (ABIN7267064) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EXOSC7 antibody (ABIN7267064) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

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