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Datasheet for ABIN2779148
anti-EXOSC4 antibody (N-Term)

3 Images

Overview

Quantity:	100 µL
Target:	EXOSC4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EXOSC4
Sequence:	SDQGYRVDGR RAGELRKIQA RMGVFAQADG SAYIEQGNTK ALAVVYGPHE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EXOSC4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	EXOSC4
Alternative Name:	EXOSC4 (EXOSC4 Products)
Background:	<p>EXOSC4 belongs to the RNase PH family. It is a component of the exosome 3'->5' exoribonuclease complex and is required for the 3' processing of the 7S pre-rRNA to the mature 5.8S rRNA. It has a 3'-5' exonuclease activity.</p> <p>Alias Symbols: SKI6, p12A, RRP41, Ski6p, RRP41A, Rrp41p, hRrp41p</p> <p>Protein Interaction Partner: EED, TOM1, NMI, H1FX, HIST1H1E, TSEN15, GADD45GIP1, FAHD1, SMPD4, LRRC8D, EXOSC1, EXOSC3, MPZL1, SKIV2L, EXOSC10, EXOSC9, NEK1, HNRNPD, DXO, AICDA, UBC, ESR2, EXOSC5, DDX47, EXOSC2, EXOSC7, EXOSC8, PSIP1, EXOSC6, DIS3L, EXOSC4, SKIV2L2, DIS3, UPF2, MPP6,</p> <p>Protein Size: 245</p>
Molecular Weight:	27 kDa
Gene ID:	54512
NCBI Accession:	NM_019037 , NP_061910
UniProt:	Q9NPD3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 245 AA
Restrictions:	For Research Use only

Handling

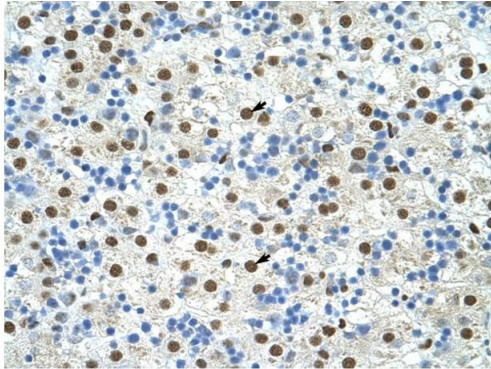
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

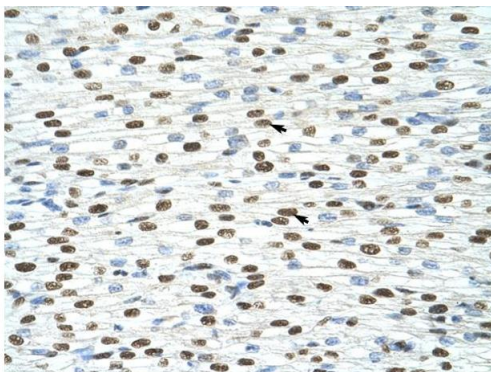
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

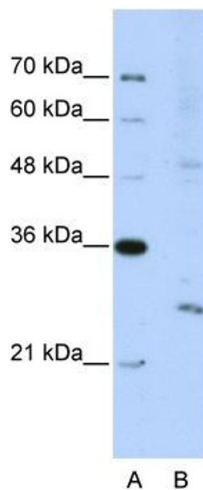
Images



Rabbit Anti-EXOSC4 Antibody
Catalog Number: ARP40935
Lot Number: QC10270
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocytes (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



Rabbit Anti-EXOSC4 Antibody
Catalog Number: ARP40935
Lot Number: QC10270
Paraffin Embedded Tissue: Human Heart
Cells with Positive label: Myocardial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



Immunohistochemistry

Image 1. Rabbit Anti-EXOSC4 Antibody Paraffin Embedded
Tissue: Human Liver Cellular Data: Hepatocytes Antibody
Concentration: 4.0-8.0 ug/ml Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-EXOSC4 Antibody Paraffin Embedded
Tissue: Human Heart Cellular Data: Myocardial cells
Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 3. WB Suggested Anti-EXOSC4 Antibody Titration:
5.0ug/ml Positive Control: Jurkat cell lysate