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Datasheet for ABIN2779075
anti-EXOSC7 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	EXOSC7
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Horse, Guinea Pig, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC7 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 EXOSC7
Sequence:	EVETDVSNT SGSARVKLGH TDILVGKAE MGTPKLEKPN EGYLEFFVDC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against EXOSC7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EXOSC7
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Target Details

Alternative Name:	EXOSC7 (EXOSC7 Products)
Background:	<p>EXOSC7 belongs to the RNase PH family. It is a component of the exosome 3'->5' exoribonuclease complex, a complex that degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3'-untranslated regions. The protein is required for the 3'-processing of the 7S pre-rRNA to the mature 5.8S rRNA.</p> <p>Alias Symbols: EAP1, FLJ26543, KIAA0116, RRP42, Rrp42p, hRrp42p, p8</p> <p>Protein Interaction Partner: TP53, UBC, RPA3, RPA2, RPA1, rev, HECW2, EXOSC6, EXOSC2, EXOSC10, DXO, AICDA, EXOSC4, APP, DIS3L, EXOSC3, DIS3, EXOSC1, EXOSC5, SKIV2L2, MPP6, EXOSC8, IP6K1, EXOSC9,</p> <p>Protein Size: 291</p>
Molecular Weight:	32 kDa
Gene ID:	23016
NCBI Accession:	NM_015004 , NP_055819
UniProt:	B2RDZ9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 291 AA
Restrictions:	For Research Use only

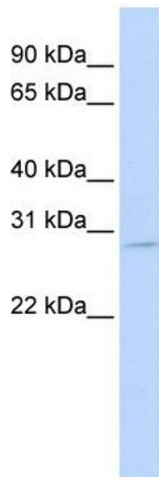
Handling

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.
Storage:	-20 °C

Handling

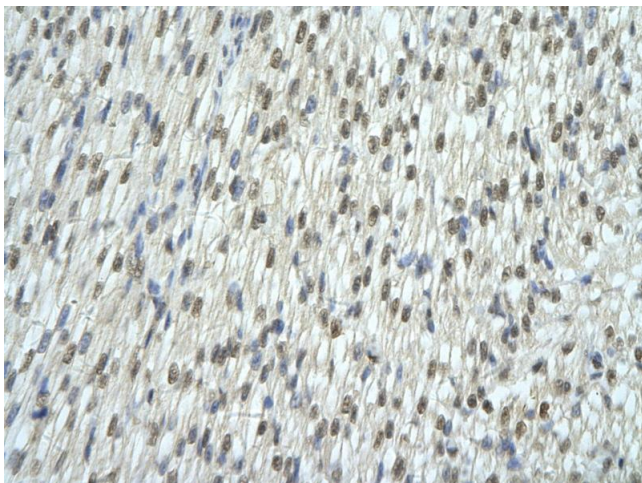
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-EXOSC7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate EXOSC7 is supported by BioGPS gene expression data to be expressed in MCF7



Immunohistochemistry

Image 2. Rabbit Anti-EXOSC7 antibody Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X