

Datasheet for ABIN2779057
anti-EXOSC2 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	EXOSC2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC2 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 EXOSC2
Sequence:	RKPLSERLGR DTKKHLVVPD DTITTDGFM RGHGTYMGEE KLIASVAGSV
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 85%, Horse: 79%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 91%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against EXOSC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	EXOSC2
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Target Details

Alternative Name:	EXOSC2 (EXOSC2 Products)
Background:	<p>EXOSC2 belongs to the exosome, a RNA-processing complex, which is at least involved in the 3' processing of the 7S pre-rRNA to the mature 5.8S rRNA. It exhibits a 3'-5' exoribonuclease activity.</p> <p>Alias Symbols: p7, RRP4, Rrp4p, hRrp4p</p> <p>Protein Interaction Partner: GPX1, ST6GALNAC1, MRPL48, EXOSC7, RNF8, GALNT13, ZNF408, AICDA, METTL22, UBC, UPF1, MDC1, BARD1, EXOSC5, EXOSC4, EXOSC3, DEK, RAN, EXOSC9, DIS3L, DIS3, UBD, CAND1, HDGF, MEPCE, SKIV2L2, EXOSC6, KHSRP, MPP6, EXOSC8, UPF3A, UPF2,</p> <p>Protein Size: 293</p>
Molecular Weight:	32 kDa
Gene ID:	23404
NCBI Accession:	NM_014285 , NP_055100
UniProt:	Q13868
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 293 AA
Restrictions:	For Research Use only

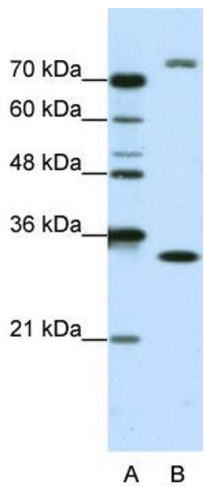
Handling

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

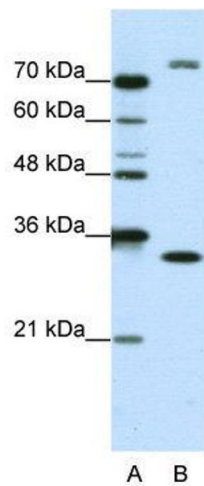
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



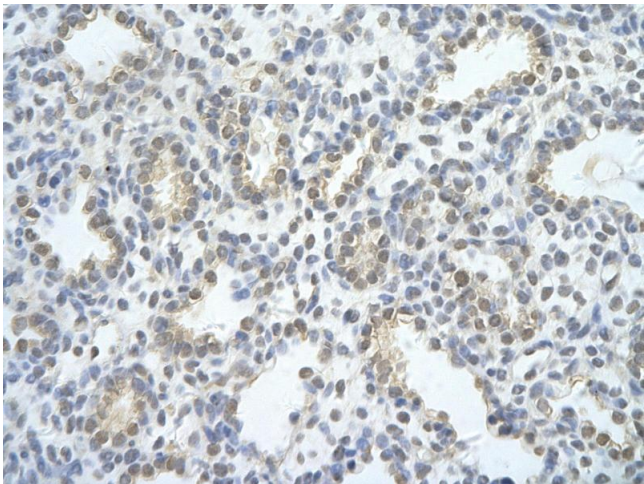
Western Blotting

Image 1. WB Suggested Anti-EXOSC2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate EXOSC2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Western Blotting

Image 2. WB Suggested Anti-EXOSC2 Antibody Titration: 1.25 µg/mL ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate EXOSC2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Immunohistochemistry

Image 3. Rabbit Anti-EXOSC2 antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: alveolar cell of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X