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Datasheet for ABIN2779056

## anti-EXOSC2 antibody (Middle Region)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	EXOSC2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EXOSC2
Sequence:	AEVQAVFSDG AVSLHTRSLK YGKLGQGVLV QVSPSLVKRQ KTHFHDLPCCG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 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:	Affinity Purified

### Target Details

Target:	EXOSC2
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## Target Details

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Alternative Name:	EXOSC2 ( <a href="#">EXOSC2 Products</a> )
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: RRP4, Rrp4p, hRrp4p, p7</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:	<a href="#">NM_014285</a> , <a href="#">NP_055100</a>
UniProt:	<a href="#">Q13868</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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

## Handling

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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

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Storage: -20 °C

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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.

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## Publications

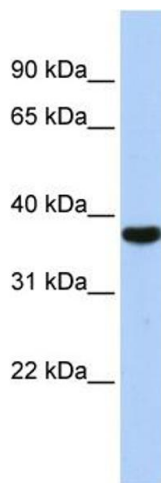
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Product cited in: van Dijk, Schilders, Pruijn: "Human cell growth requires a functional cytoplasmic exosome, which is involved in various mRNA decay pathways." in: **RNA (New York, N.Y.)**, Vol. 13, Issue 7, pp. 1027-35, (2007) ([PubMed](#)).

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## Images

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### Western Blotting

**Image 1.** WB Suggested Anti-EXOSC2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate