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Datasheet for ABIN2789034  
**anti-EXOSC9 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	EXOSC9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Cow, Zebrafish (Danio rerio), Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC9 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Sequence:	ERRFLLRAIE EKKRLDGRQT YDYRNIRISF GTDYGCCIVE LGKTRVLGQV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EXOSC9. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	EXOSC9
Alternative Name:	EXOSC9 ( <a href="#">EXOSC9 Products</a> )
Background:	EXOSC9 is a non-catalytic component of the RNA exosome complex which has 3'->5'

## Target Details

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exoribonuclease 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, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, 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. EXOSC9 binds to ARE-containing RNAs.

Alias Symbols: PM/Scl-75, PMSCL1, RRP45, Rrp45p, p5, p6

Protein Interaction Partner: UBC, EXOSC4, MPG, AICDA, CSNK2A1, EXOSC5, EXOSC10, EXOSC3, EXOSC2, DIS3, DIS3L, CHMP4B, CAND1, COPS5, CUL3, SUMO2, UBE2I, EXOSC1, SKIV2L2, EXOSC6, DDX39A, MPP6, EXOSC7, EXOSC8, EXOSC9, DDX39B,

Protein Size: 355

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Molecular Weight:	39 kDa
Gene ID:	5393
NCBI Accession:	<a href="#">NM_005033</a> , <a href="#">NP_005024</a>
UniProt:	<a href="#">Q06265</a>

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## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 355 AA
Restrictions:	For Research Use only

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## Handling

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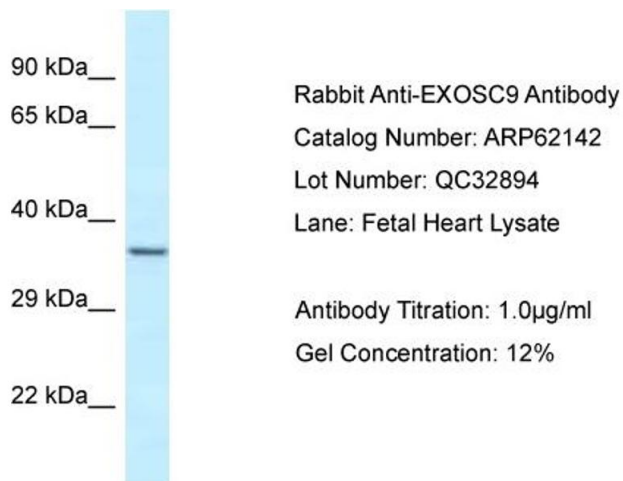
Format:	Liquid
Concentration:	Lot specific

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## Handling

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
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.**