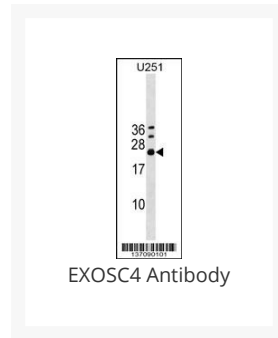




EXOSC4 Antibody

Cat. No.: 59-063



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human
HOMOLOGY:	Predicted species reactivity based on immunogen sequence: Bovine, Mouse
IMMUNOGEN:	This EXOSC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-96 amino acids from the Central region of human EXOSC4.
TESTED APPLICATIONS:	WB
APPLICATIONS:	For WB starting dilution is: 1:1000
PREDICTED MOLECULAR WEIGHT:	26 kDa

Ψ Properties

PURIFICATION:	This antibody is purified through a protein A column, followed by peptide affinity purification.
CLONALITY:	Polyclonal
ISOTYPE:	Rabbit Ig
CONJUGATE:	Unconjugated

PHYSICAL STATE:	Liquid
BUFFER:	Supplied in PBS with 0.09% (W/V) sodium azide.
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	Store at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Additional Info

OFFICIAL SYMBOL:	EXOSC4
ALTERNATE NAMES:	Exosome complex component RRP41, Exosome component 4, Ribosomal RNA-processing protein 41, p12A, EXOSC4, RRP41, SKI6
ACCESSION NO.:	Q9NPD3
PROTEIN GI NO.:	14285756
GENE ID:	54512
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	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. Required for the 3'-processing of the 7S pre-rRNA to the mature 5.8S rRNA. Has a 3'-5' exonuclease activity. Plays a role in replication-dependent histone mRNA degradation.
REFERENCES:	1) Mullen, T.E., et al. Genes Dev. 22(1):50-65(2008)
	2) van Dijk, E.L., et al. RNA 13(7):1027-1035(2007)
	3) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
	4) Andersen, J.S., et al. Nature 433(7021):77-83(2005)

ANTIBODIES FOR RESEARCH USE ONLY.

For additional information, visit ProSci's [Terms & Conditions Page](#).