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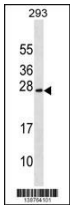
EXOSC1 Antibody

Cat. No.: 59-892



EXOSC1 Antibody

Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human
HOMOLOGY:	Predicted species reactivity based on immunogen sequence: Mouse
IMMUNOGEN:	This EXOSC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-191 amino acids from the C-terminal region of human EXOSC1.
TESTED APPLICATIONS:	WB
APPLICATIONS:	For WB starting dilution is: 1:1000
PREDICTED MOLECULAR WEIGHT:	21 kDa

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:	EXOSC1
ALTERNATE NAMES:	Exosome complex component CSL4, Exosome component 1, EXOSC1, CSL4
ACCESSION NO.:	Q9Y3B2
PROTEIN GI NO.:	14285410
GENE ID:	51013
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	This gene encodes a core component of the exosome. The mammalian exosome is required for rapid degradation of AU rich element-containing RNAs but not for poly(A) shortening. The association of this protein with the exosome is mediated by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46.
REFERENCES:	1) Andersen, J.S., et al. Nature 433(7021):77-83(2005)
	2) Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)
	3) Deloukas, P., et al. Nature 429(6990):375-381(2004)
	4) Raijmakers, R., et al. J. Mol. Biol. 323(4):653-663(2002)