

Rabbit EXOSC10 Polyclonal Antibody | anti-EXOSC10 antibody

EXOSC10 Antibody

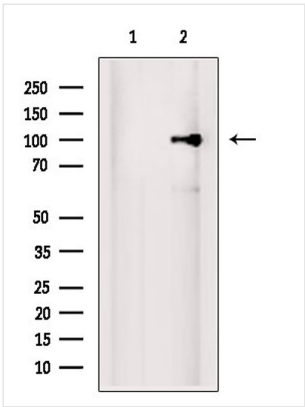
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328848	Rabbit	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	Western Blot

PRODUCT SYNONYMS

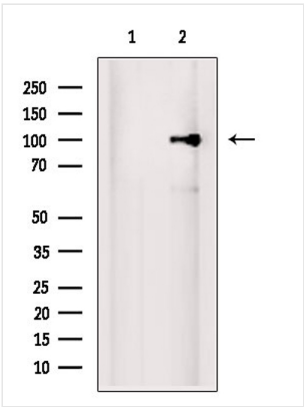
EXOSC10; Polyclonal Antibody; EXOSC10 Antibody; Autoantigen PM/Scl 2; Exosc10; Exosome component 10; EXOSX_HUMAN; P100 polymyositis scleroderma overlap syndrome associated autoantigen; P100 polymyositis-scleroderma overlap syndrome-associated autoantigen; p2; p3; p4; PM Scl; PM/Scl 100; PM/Scl-100; PMSCL; PMSCL2; Polymyositis/scleroderma autoantigen 100 kDa; Polymyositis/scleroderma autoantigen 2 100 kDa; Polymyositis/scleroderma autoantigen 2; RRP6; Rrp6p; anti-EXOSC10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	EXOSC10 Antibody detects endogenous levels of EXOSC10.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	885
Applicable Applications for anti-EXOSC10 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human EXOSC10.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from PC12, using EXOSC10 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using EXOSC10 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EXOSC10 antibody	Description: Putative catalytic component of the RNA exosome complex which has 3'->5' 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 such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), 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. EXOSC10 has 3'-5' exonuclease activity (By similarity). EXOSC10 is required for nucleolar localization of C1D and probably mediates the association of MTREX, C1D and MPP6 with the RNA exosome involved in the maturation of 5.8S rRNA. Subunit Structure: Component of the RNA exosome complex. The catalytically inactive RNA exosome core (Exo-9) complex is believed to associate with catalytic subunits EXOSC10, and DIS3 or DIS3L in cytoplasmic- and nuclear-specific RNA exosome complex forms. Interacts with C1D and MPHOSPH6. Interacts with ALYREF/THOC4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8928564
NCBI GeneID	5394
UniProt Accession #	Q01780
Molecular Weight	Observed: 100 kDa Predicted: 101 kDa
NCBI Official Full Name	Exosome component 10
NCBI Official Synonym Full Names	exosome component 10
NCBI Official Symbol	EXOSC10
NCBI Official Synonym Symbols	p2; p3; p4; RRP6; PMSCL; Rrp6p; PM-Scl; PMSCL2; PM/Scl-100
NCBI Protein Information	exosome component 10
UniProt Protein Name	Exosome component 10
UniProt Gene Name	EXOSC10

UniProt Synonym Gene Names	PMSCL; PMSCL2; RRP6; PM/ScI-100
UniProt Entry Name	EXOSX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/exosc10-antibody-western-blot-elisa/328848>