

EXOSC7 Antibody
Rabbit mAb
Catalog # AP92671

Specification

EXOSC7 Antibody - Product Information

Application	WB, ICC
Primary Accession	Q15024
Clonality	Monoclonal
Other Names	
EAP1; Exosc7; p8; RRP42; Rrp42p;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31821 Da

EXOSC7 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from EXOSC7
Description	Non-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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

EXOSC7 Antibody - Protein Information

Name EXOSC7

Synonyms KIAA0116, RRP42

Function

Non-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. 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.

Cellular Location

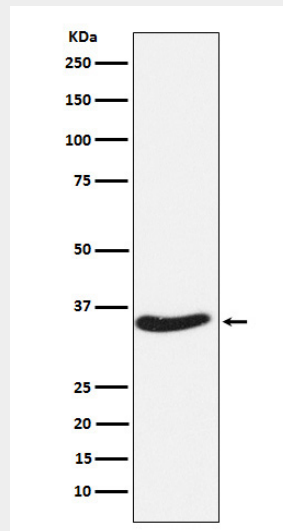
Nucleus, nucleolus. Cytoplasm. Nucleus

EXOSC7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EXOSC7 Antibody - Images



Western blot analysis of EXOSC7 expression in HeLa cell lysate.