

Datasheet for ABIN2462323

anti-EXOSC6 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EXOSC6
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human EXOSC6.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	EXOSC6
Alternative Name:	EXOSC6 (EXOSC6 Products)
Background:	EXOSC6 constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. The composition of human exosome is similar to its yeast counterpart. This protein is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not

Target Details

for poly (A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation. This gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. The composition of human exosome is similar to its yeast counterpart. This protein is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly (A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation.

Molecular Weight:	30 kDa
Gene ID:	118460
NCBI Accession:	NP_478126
UniProt:	Q5RKV6
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	EXOSC6 antibody can be used for detection of EXOSC6 by ELISA at 1:62500. EXOSC6 antibody can be used for detection of EXOSC6 by western blot at 1.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

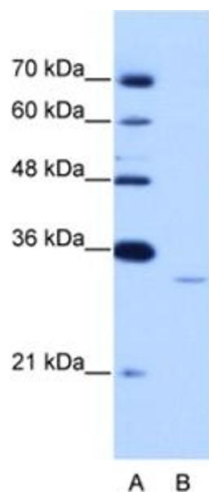
Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C

Handling

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store EXOSC6 antibody at -20 °C.

Images



Western Blotting

Image 1.