

## Product datasheet for **TA343970**

### EXOSC6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EXOSC6 antibody: synthetic peptide directed towards the N terminal of human EXOSC6. Synthetic peptide located within the following region: LYAADEEEAPGTRDPTLRPVYARAGLLSQAKGSAYLEAGGTKVLCAVSG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	exosome component 6
Database Link:	<a href="#">NP_478126</a> <a href="#">Entrez Gene 118460 Human</a> <a href="#">Q5RKV6</a>

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**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 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.

**Synonyms:**

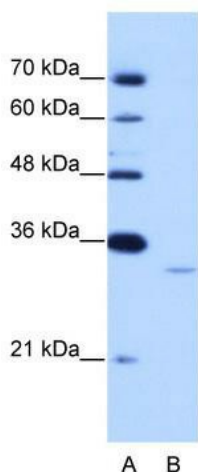
EAP4; hMtr3p; MTR3; Mtr3p; p11

**Note:**

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 86%

**Protein Pathways:**

RNA degradation

**Product images:**


WB Suggested Anti-EXOSC6 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive  
Control: Jurkat cell lysate