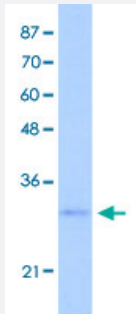


EXOSC6 polyclonal antibody

Catalog # PAB30060

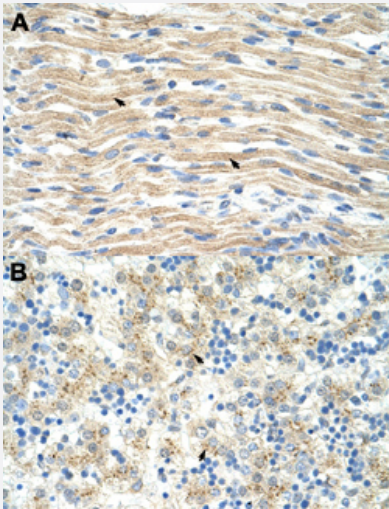
Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with EXOSC6 polyclonal antibody (Cat # PAB30060) at 5 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human muscle (A) and human liver (B) with EXOSC6 polyclonal antibody (Cat # PAB30060) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human EXOSC6.
Immunogen	A synthetic peptide corresponding to N-terminus of human EXOSC6.
Sequence	MPGDHRRIRGPEESQPPQLYAADEEEAPGTRDPTLRPVYARAGLLSQAK
Host	Rabbit

Theoretical MW (kDa)	30
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — EXOSC6

Entrez GeneID	118460
GeneBank Accession#	NM_058219
Protein Accession#	NP_478126:Q5RKV6
Gene Name	EXOSC6
Gene Alias	EAP4, MTR3, Mtr3p, hMtr3p, p11
Gene Description	exosome component 6
Omim ID	606490

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

Mtr3 (mRNA transport regulator 3)-homolog|OTTHUMP00000174902|homolog of yeast mRNA transport regulator 3

Pathway

- [RNA degradation](#)