Rabbit EXOSC6 Polyclonal Antibody | anti-EXOSC6 antibody

EXOSC6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198820	**Rabbit**	**Cow, Human, Mouse, Pig, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

EXOSC6; Polyclonal Antibody; EXOSC6 antibody - N-terminal region; anti-EXOSC6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:MP GDHRRIRGPE ESQPPQLYAA DEEEAPGTRD PTRLRPVYAR AGLLSQAK
Sequence Length	272
Applicable Applications for anti-EXOSC6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Human: 100%; Mouse: 88%; Pig: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EXOSC6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-EXOSC6 Antibody Titration: 5.0ug/mlPositive Control: Jurkat cell lysate

IHC (Immunohiostchemistry)
Rabbit Anti-EXOSC6 AntibodyParaffin Embedded Tissue: Human MuscleCellular Data: Skeletal muscle cellsAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

IHC (Immunohistochemistry)
Rabbit Anti-EXOSC6 AntibodyParaffin Embedded Tissue: Human LiverCellular Data: HepatocytesAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-EXOSC6 antibody	This is a rabbit polyclonal antibody against EXOSC6. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-EXOSC6 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402904
NCBI GeneID	118460
NCBI Accession #	NP_478126
NCBI GenBank Nucleotide #	NM_058219
UniProt Accession #	Q5RKV6
Molecular Weight	30kDa
NCBI Official Full Name	exosome complex component MTR3
NCBI Official Synonym Full Names	exosome component 6
NCBI Official Symbol	EXOSC6
NCBI Official Synonym Symbols	p11; EAP4; MTR3; Mtr3p; hMtr3p
NCBI Protein Information	exosome complex component MTR3
UniProt Protein Name	Exosome complex component MTR3
UniProt Gene Name	**EXOSC6**
UniProt Synonym Gene Names	MTR3; hMtr3
UniProt Entry Name	EXOS6_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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