

Rabbit anti-Human, Mouse EXOSC4 Polyclonal Antibody | anti-EXOSC4 antibody

EXOSC4 Polyclonal Antibody

CATALOG # AAA176697	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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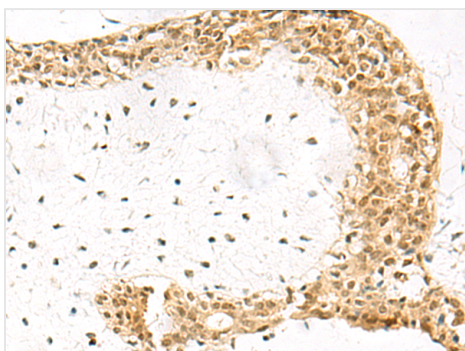
PRODUCT SYNONYMS

EXOSC4; Polyclonal Antibody; EXOSC4 Polyclonal Antibody; EXOSC 4; Exosome complex component RRP41; Exosome complex exonuclease RRP41; Exosome component 4; Exosome component Rrp41; FLJ20591; HRrp41p; P12A; Ribosomal RNA processing protein 41; RRP 41; RRP41; RRP41A; Rrp41p; SKI 6; SKI6; Ski6p; anti-EXOSC4 antibody

PRODUCT SPECIFICATIONS

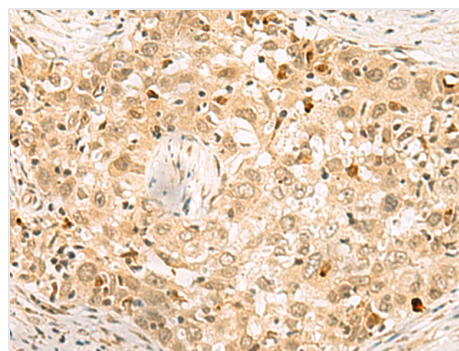
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.26mg/mL (varies by lot)
Sequence Length	245
Applicable Applications for anti-EXOSC4 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human EXOSC4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using EXOSC4 Polyclonal Antibody at dilution of 1:70(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using EXOSC4 Polyclonal Antibody at dilution of 1:70(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-EXOSC4 antibody	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. EXOSC4 binds to ARE-containing RNAs.
Product Categories/Family for anti-EXOSC4 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506689
NCBI GeneID	54512
NCBI Accession #	NP_061910.1; BC002777
NCBI GenBank Nucleotide #	NP_061910.1
UniProt Accession #	Q9NPD3
NCBI Official Full Name	exosome complex component RRP41
NCBI Official Synonym Full Names	exosome component 4
NCBI Official Symbol	EXOSC4
NCBI Official Synonym Symbols	SKI6; p12A; RRP41; Ski6p; RRP41A; Rrp41p; hRrp41p
NCBI Protein Information	exosome complex component RRP41
UniProt Protein Name	Exosome complex component RRP41
UniProt Gene Name	EXOSC4
UniProt Synonym Gene Names	RRP41; SKI6
UniProt Entry Name	EXOS4_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.