

Rabbit anti-Human EXOSC5 Polyclonal Antibody | anti-EXOSC5 antibody

EXOSC5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229589	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

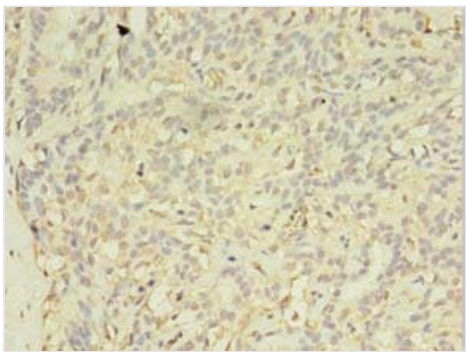
PRODUCT SYNONYMS

EXOSC5; Polyclonal Antibody; EXOSC5 Antibody; Exosome complex component RRP46 (Chronic myelogenous leukemia tumor antigen 28) (Exosome component 5) (Ribosomal RNA-processing protein 46) (p12B); CML28 RRP46; anti-EXOSC5 antibody

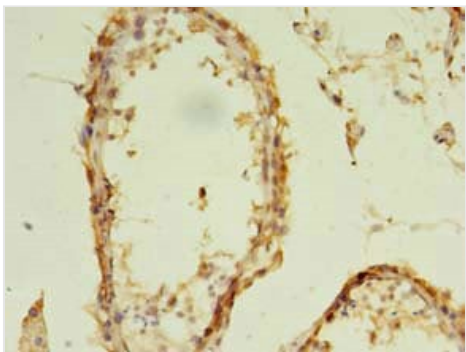
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	235
Applicable Applications for anti-EXOSC5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Exosome complex component RRP46 protein (1-235AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target	Names EXOSC5
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-131154
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

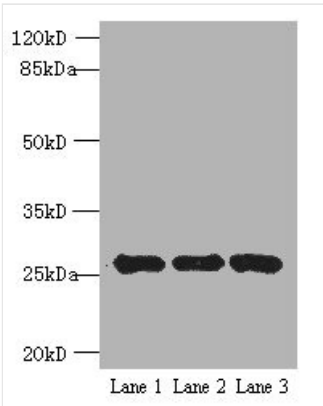
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human breast cancer tissue using AAA229589 at dilution 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human testis tissue using AAA229589 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: EXOSC5 antibody at 5ug/mlLane 1:K562 whole cell lysateLane 2:293T whole cell lysateLane 3:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 25kDaObserved band size: 25kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EXOSC5 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47174864
NCBI GeneID	56915
NCBI Accession #	NP_064543.3
NCBI GenBank Nucleotide #	NM_020158.3
UniProt Accession #	Q9NQ74; Q32Q81; Q8NG16; Q96I89

NCBI Official Full Name	exosome complex component RRP46
NCBI Official Synonym Full Names	exosome component 5
NCBI Official Symbol	EXOSC5
NCBI Official Synonym Symbols	p12B; RRP46; RRP41B; Rrp46p; hRrp46p
NCBI Protein Information	exosome complex component RRP46
UniProt Protein Name	Exosome complex component RRP46
UniProt Gene Name	EXOSC5
UniProt Synonym Gene Names	CML28; RRP46
UniProt Entry Name	EXOS5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/exosc5-antibody-immunohistochemistry-western-blot-elisa/229589>