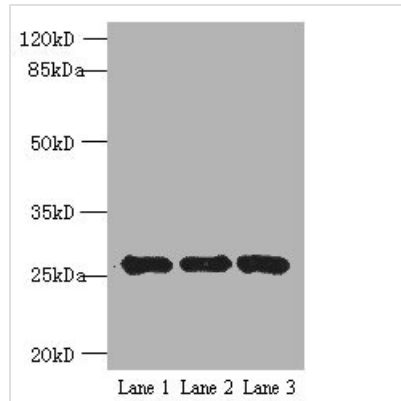




EXOSC5 Antibody

Product Code	CSB-PA878857LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NQT4
Immunogen	Recombinant Human Exosome complex component RRP46 protein (1-235AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Exosome complex component RRP46 (Chronic myelogenous leukemia tumor antigen 28) (Exosome component 5) (Ribosomal RNA-processing protein 46) (p12B), EXOSC5, CML28 RRP46
Species	Human
Research Area	Epigenetics and Nuclear Signaling


Target Names
EXOSC5
Image

Western blot

All lanes: EXOSC5 antibody at 5μg/ml

Lane 1: K562 whole cell lysate

Lane 2: 293T whole cell lysate

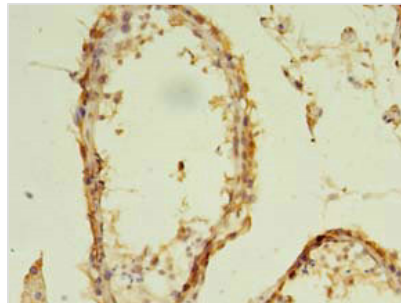
Lane 3: HeLa whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

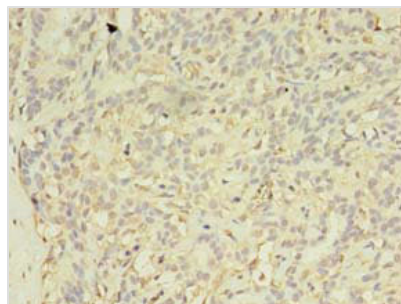
Predicted band size: 25 kDa

Observed band size: 25 kDa


Immunohistochemistry of paraffin-embedded

human testis tissue using CSB-

PA878857LA01HU at dilution of 1:100


Immunohistochemistry of paraffin-embedded

human breast cancer using CSB-

PA878857LA01HU at dilution of 1:100