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Datasheet for ABIN6943374
anti-EXOSC5 antibody (AA 141-235)

Overview

Quantity:	100 µL
Target:	EXOSC5
Binding Specificity:	AA 141-235
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC5 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EXOSC5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	EXOSC5
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Target Details

Alternative Name: EXOSC5 ([EXOSC5 Products](#))

Background: Synonyms: Chronic myelogenous leukemia tumor antigen 28, CML28, EXOS5_HUMAN, EXOSC5, Exosc5, Exosome complex component rrp46, exosome complex exonuclease RRP46, Exosome component 5, exosome component Rrp46, hRrp46p, p12B, Ribosomal RNA processing protein 46, Ribosomal RNA processing protein 46, S. cerevisiae, homolog of, Ribosomal RNA-processing protein 46, RRP41B, RRP46, Rrp46p.

Background: The exosome is a multisubunit complex composed of several highly conserved subunits, some of which are 3 to 5 exoribonucleases. The complex is involved in a variety of cellular processes and is responsible for degrading unstable mRNAs that contain AU-rich (ARE) elements in their untranslated 3' region. EXOSC5 (Exosome component 5), also known as Exosome complex exonuclease RRP46 and CML28 (Chronic myelogenous leukemia tumor antigen 28), is one of at least eleven components of the exosome complex and is required for processing of 7S pre-rRNA to mature 5.8S rRNA. Located in the nucleus, EXOSC5 interacts with both EXOSC1 and EXOSC7. EXOSC5 is exclusively expressed in normal testis, though is found to be highly expressed in many hematopoietic and epithelial tumor cell lines, suggesting that it may be an appropriate target for antigen-specific immunotherapy.

Gene ID: 56915

UniProt: [Q9NQ74](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months