

[Go to Product page](#)

Datasheet for ABIN6943382

**anti-EXOSC5 antibody (AA 141-235) (Alexa Fluor 750)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | EXOSC5  |
| Binding Specificity: | AA 141-235  |
| Reactivity:          | Mouse   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This EXOSC5 antibody is conjugated to Alexa Fluor 750   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## 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                                     |
| Alternative Name: | EXOSC5 ( <a href="#">EXOSC5 Products</a> ) |

## Target Details

|             |  |
|-------------|--|
| Background: | <p>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.</p> <p>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.</p> |
| Gene ID:    | 56915  |
| UniProt:    | <a href="#">Q9NQT4</a>   |
| Pathways:   | <a href="#">SARS-CoV-2 Protein Interactome</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200   |
| Restrictions:      | For Research Use only  |
| Handling           |  |
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be                        |

Handling

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|                  |   |
|------------------|---|
|                  | handled by trained staff only.  |
| Storage:         | -20 °C  |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months   |