

Datasheet for ABIN357012  
**anti-LIN28B antibody (C-Term)**



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1 Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | LIN28B                                          |
| Binding Specificity: | C-Term                                          |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This LIN28B antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                                                                |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human LIN28B. |
| Isotype:      | Ig Fraction                                                                                                                                    |
| Specificity:  | This antibody detects LIN28B at C-term.                                                                                                        |
| Purification: | Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.                                                   |

## Target Details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Target:           | LIN28B                                                                                    |
| Alternative Name: | LIN28B ( <a href="#">LIN28B Products</a> )                                                |
| Background:       | Lin-28 homolog B (LIN28B) is overexpressed in hepatocellular carcinoma. The heterochronic |

## Target Details

gene lin-28 is a key regulator of developmental timing in the nematode *Caenorhabditis elegans*. Similar with lin-28 proteins, LIN28B conserves a cold shock domain and a pair of CCHC zinc finger domains. Phylogenetic analysis suggests that they might arise as a result of duplication from an ancestral gene. Overexpression of LIN28B was noted in most HCC cell lines and clinical samples. A short LIN28B isoform was also identified in non-tumor liver tissue and fetal liver. Although predominantly localized in the cytoplasm, LIN28B protein shows cell cycle-dependent nuclear translocation in Huh7 cells. Induced expression of exogenous LIN28B in a tet-off cell line promoted cancer cell proliferation. Synonyms: CSDD2, LIN28B, Lin-28 homolog B

|                   |                        |
|-------------------|------------------------|
| Molecular Weight: | 26953 Da               |
| Gene ID:          | 389421, 9606           |
| UniProt:          | <a href="#">Q6ZN17</a> |

## Application Details

|                    |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ELISA 1: 1,000. Western blot 1: 50 - 1: 100.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                 |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) sodium azide                                                                                     |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.                                  |

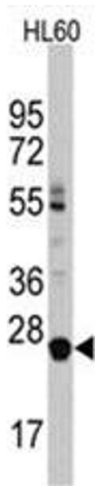


Image 1.