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Datasheet for ABIN7091335  
**anti-LIN28B antibody**

### Overview

Quantity:	100 µL
Target:	LIN28B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LIN28B antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant human LIN28B.
Clone:	K7L3
Predicted Reactivity:	Human

### Target Details

Target:	LIN28B
Alternative Name:	LIN28B ( <a href="#">LIN28B Products</a> )
Background:	<p>Synonyms: Lin-28B, LN28B_HUMAN, CSDD 2, CSDD2, FLJ16517, Lin 28 homolog B (C. elegans), Lin 28.2, Lin-28B, Protein lin-28 homolog B.</p> <p>Background: Acts as a suppressor of microRNA (miRNA) biogenesis by specifically binding the precursor let-7 (pre-let-7), a miRNA precursor. Acts by binding pre-let-7 and recruiting ZCCHC11/TUT4 uridylyltransferase, leading to the terminal uridylation of pre-let-7. Uridylated</p>

## Target Details

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pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Specifically recognizes the 5'-GGAG-3' motif in the terminal loop of pre-let-7. Also recognizes and binds non pre-let-7 pre-miRNAs that contain the 5'-GGAG-3' motif in the terminal loop, leading to their terminal uridylation and subsequent degradation. Mediates MYC-mediated let-7 repression. Isoform 1, when overexpressed, stimulates growth of the breast adenocarcinoma cell line MCF-7. Isoform 2 has no effect on cell growth.

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Gene ID: 389421

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UniProt: [Q6ZN17](#)

## Application Details

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Application Notes: WB 1:300-5000

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Restrictions: For Research Use only

## Handling

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Concentration: 0.5 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months