



# Anti-LIN28B polyclonal antibody (CABT-BL2150)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	This antibody is specific for the C Terminus Region of the target protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Buffer</b>	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Avoid freeze-thaw cycles.

## BACKGROUND

<b>Introduction</b>	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 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.

---

## GENE INFORMATION

Entrez Gene ID	<a href="#">389421</a>
----------------	------------------------

Protein Refseq	<a href="#">NP_001004317</a>
----------------	------------------------------

UniProt ID	<a href="#">Q6ZN17</a>
------------	------------------------

---