

Datasheet for ABIN6243716
anti-LIN28A antibody (AA 85-119)



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1 Image

Overview

Quantity:	200 µL
Target:	LIN28A
Binding Specificity:	AA 85-119
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN28A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DANRE lin28a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 85-119 amino acids from the Central region of DANRE lin28a.
Clone:	RB53165
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LIN28A
Alternative Name:	lin28a (LIN28A Products)
Background:	Acts as a 'translational enhancer', driving specific mRNAs to polysomes and thus increasing the

Target Details

efficiency of protein synthesis. Its association with the translational machinery and target mRNAs results in an increased number of initiation events per molecule of mRNA and, indirectly, in stabilizing the mRNAs. 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 an 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 (By similarity).

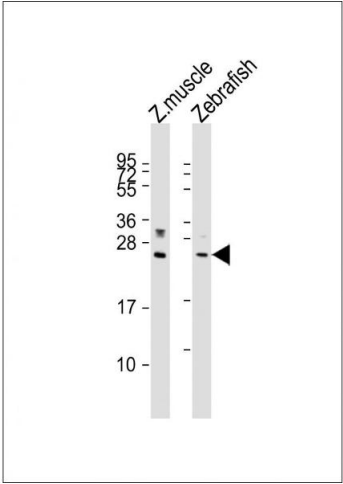
Molecular Weight:	21886
UniProt:	Q803L0
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. All lanes : Anti-(DANRE) lin28a Antibody (Center) at 1:2000 dilution Lane 1: Zebrafish muscle lysates Lane 2: Zebrafish lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.