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Datasheet for ABIN650868 anti-LIN28A antibody (pSer134)

2 Images



Overview

Quantity:	400 µL
Target:	LIN28A
Binding Specificity:	pSer134
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN28A antibody is un-conjugated
Application:	Immunofluorescence (IF), Dot Blot (DB)

Product Details

Immunogen:	This LIN28 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S134 of human LIN28.
Clone:	RB18937
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LIN28A
Alternative Name:	LIN28 (LIN28A Products)
Background:	LIN28 is probable transcription factor. It plays a critical role in the control of immune response.

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Target Details	
Molecular Weight:	22743
Gene ID:	79727
NCBI Accession:	NP_078950
UniProt:	Q9H9Z2
Pathways:	Stem Cell Maintenance
Application Details	
Application Notes:	IF: 1:100. DB: 1:500
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Immunofluorescence

Image 1. Fluorescent confocal image of SY5Y cells stained with phospho- LIN28- antibody. SY5Y cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.2 %, 30 min). Cells were then incubated with (ABIN650868 and ABIN2839816) phospho- LIN28- primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/mL, 5 min). Note the highly specific localization of the phospho- LIN28 immunosignal mainly to the nucleus, supported by Human Protein Atlas Data (http://www.proteinatlas.org/ENSG00000131914).

Dot Blot

Image 2. Dot blot analysis of anti-Phospho-LIN28- Phosphospecific Pab (ABIN650868 and ABIN2839816) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.

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