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Datasheet for ABIN7268266 anti-LIN28A antibody

4 Images



Overview

Quantity:	100 µL
Target:	LIN28A
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This LIN28A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Lin28 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Lin28
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	LIN28A
Alternative Name:	LIN28A (LIN28A Products)
Background:	This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional

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Target Details

regulator of genes involved in developmental timing and self-renewal in embryonic stem cells.
The encoded protein functions through direct interaction with target mRNAs and by disrupting
the maturation of certain miRNAs involved in embryonic development. This protein prevents the
terminal processing of the LET7 family of microRNAs which are major regulators of cellular
growth and differentiation. Aberrant expression of this gene is associated with cancer
progression in multiple tissues. [provided by RefSeq, Sep 2015],CSDD1, LIN-28, LIN28, ZCCHC1,
lin-28A,Cell Biology & Developmental Biology,Embryonic Stem Cells,Epigenetics & Nuclear
Signaling,Neuroscience,Stem Cells,LIN28A

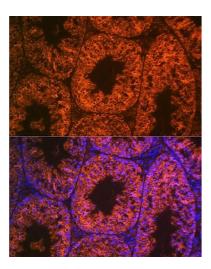
Molecular Weight:	26kDa
Gene ID:	79727
UniProt:	Q9H9Z2
Pathways:	Stem Cell Maintenance

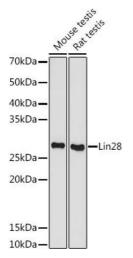
Application Details

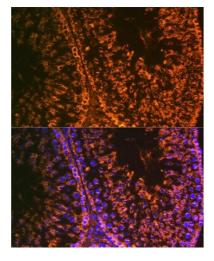
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunofluorescence

Image 1. Immunofluorescence analysis of mouse testis using Lin28 Rabbit mAb (ABIN7268266) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Lin28 antibody (ABIN7268266) at 1:500 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

Immunofluorescence

Image 3. Immunofluorescence analysis of rat testis using Lin28 Rabbit mAb (ABIN7268266) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7268266.

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