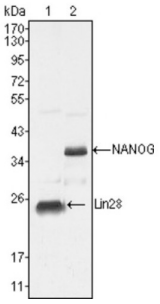
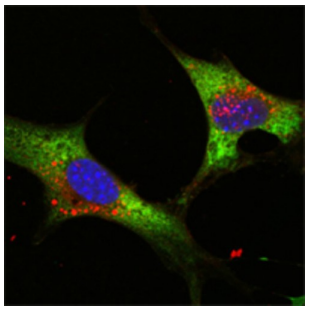
Protein Lin-28 Homolog A (LIN28) Antibody

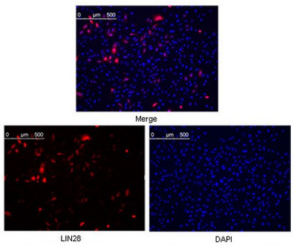
Catalogue No.:abx011091



Western blot analysis using LIN28 antibody against NTERA-2 cell lysate (1).



Confocal immunofluorescence analysis of methanol fixed Hela cells were transfected with pMX construct of human LIN28, cells were analyzed ~62 hours after transfection.



Confocal immunofluorescence analysis of NTERA-2 cells using LIN28 antibody (green). Blue: DRAQ5 fluorescent DNA dye.

LIN28: lin-28 homolog (C. elegans), also known as CSDD1, ZCCHC1. Entrez Protein NP078950. LIN28 was first discovered in the nematode C. elegans. It is a heterochronic protein in C. elegans involved in the timing of developmental events and choice of stage specific cell fates. LIN28 expression has been found to be regulated post-transcriptionally by miRNAs in both nematodes and mammals. In humans it is expressed in embryonic stem cells and its expression decreases during differentiation. It is negatively regulated by retinoic acid in neuronal differentiation.

Target:	Protein Lin-28 Homolog A (LIN28)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IF/ICC
Host:	Mouse

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Recommended dilutions:	ELISA: 1/10000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of LIN28 (aa93-209) expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9H9Z2 (UniProt, ExPASy)
Gene Symbol:	LIN28A
GeneID:	79727
OMIM:	611043
HGNC:	15986
Ensembl:	ENSG00000131914
String:	9606.ENSP00000363314
Molecular Weight:	23 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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