

Mouse anti-Human, Mouse LIN28A Monoclonal Antibody | anti-LIN28A antibody

LIN28A Monoclonal Antibody

CATALOG # AAA300824	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

LIN28A; Monoclonal Antibody; LIN28A Monoclonal Antibody; CSDD1; FLJ12457; LIN 28; Lin-28A; LIN28; LN28A_HUMAN; Protein lin-28 homolog A; ZCCHC1; Zinc finger CCHC domain-containing protein 1; anti-LIN28A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2C1-F9-A2
Specificity	This antibody detects endogenous levels of LIN28A and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide and 50% glycerol.
Sequence Length	209
Applicable Applications for anti-LIN28A antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human LIN28A protein fragments expressed in E Coli
Target Name	LIN28A
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

Western blot detection of LIN28A in LIN28B and LIN28A recombinant antigen fragments and using LIN28A antibody (1:1000 diluted).


WB (Western Blot)

Western blot detection of LIN28 in NTERA & F9 cell lysates using LIN28 antibody(1:1000 diluted).Predicted band size:26KDa,Observed band size:26KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-LIN28A antibody	Acts as a 'translational enhancer', driving specific mRNAs to polysomes and thus increasing the 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.Binds IGF2 mRNA,MYOD1 mRNA,ARBP/36B4 ribosomal protein mRNA and its own mRNA.Essential for skeletal muscle differentiation program through the translational up-regulation of IGF2 expression By similarity.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.Degradation of pre-let-7 in embryonic stem(ES)cells contributes to the maintenance of ES cells.In contrast,LIN28A down-regulation in neural stem cells by miR-125,allows the processing of pre-let-7.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.
Product Categories/Family for anti-LIN28A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13375938
NCBI GeneID	79727
NCBI Accession #	NP_078950.1
NCBI GenBank Nucleotide #	NM_024674.5
UniProt Accession #	Q9H9Z2
Molecular Weight	22,743 Da
NCBI Official Full Name	protein lin-28 homolog A
NCBI Official Synonym Full Names	lin-28 homolog A (C. elegans)
NCBI Official Symbol	LIN28A
NCBI Official Synonym Symbols	CSDD1; LIN28; LIN-28; ZCCHC1; lin-28A
NCBI Protein Information	protein lin-28 homolog A
UniProt Protein Name	Protein lin-28 homolog A
UniProt Gene Name	LIN28A
UniProt Synonym Gene Names	CSDD1; LIN28; ZCCHC1; Lin-28A
UniProt Entry Name	LN28A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/lin28a-antibody-clone-2c1-f9-a2-western-blot-elisa/300824>