

Rabbit anti-Human, mouse LIN28 Polyclonal Antibody | anti-LIN28A antibody

LIN28 Antibody

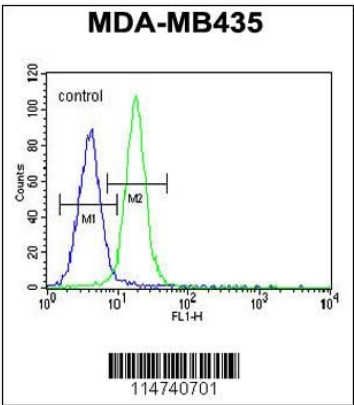
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285967	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

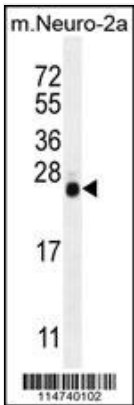
LIN28; Polyclonal Antibody; LIN28 Antibody; Protein lin-28 homolog A; Lin-28A; Zinc finger CCHC domain-containing protein 1; LIN28A; CSDD1; ZCCHC1; anti-LIN28A antibody

PRODUCT SPECIFICATIONS

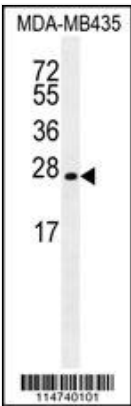
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LIN28A antibody is generated from rabbits immunized with a His fusion protein from human LIN28A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Length	209
Applicable Applications for anti-LIN28A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LIN28 Antibody flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
LIN28 Antibody western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the LIN28 antibody detected the LIN28 protein (arrow).



WB (Western Blot)
LIN28 Antibody western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the LIN28 antibody detected the LIN28 protein (arrow).

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	Developmental biology; Neuroscience; Signal transduction
References	Peng, S., et al. Oncogene 29(14):2153-2159(2010) Qiu, C., et al. Nucleic Acids Res. 38(4):1240-1248(2010) Iliopoulos, D., et al. Cell 139(4):693-706(2009) Heo, I., et al. Cell 138(4):696-708(2009) West, J.A., et al. Nature 460(7257):909-913(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13375938
NCBI GeneID	79727
NCBI Accession #	NP_078950.1
NCBI GenBank Nucleotide #	NM_024674.4
UniProt Accession #	Q9H9Z2
Molecular Weight	22743
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lin28-antibody-flow-cytometry-western-blot-elisa/285967>