

Rabbit anti-Human LIN28A Polyclonal Antibody | anti-LIN28A antibody

LIN28A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290687	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

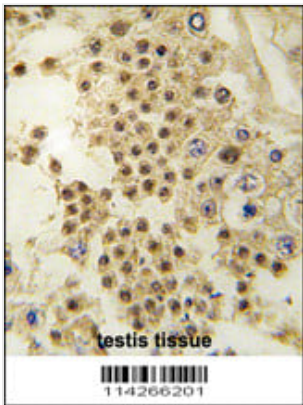
PRODUCT SYNONYMS

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

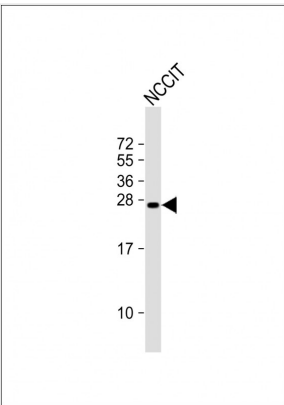
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This LIN28A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168~198 amino acids from the C-terminal region of human LIN28A.
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.
Sequence Length	209
Applicable Applications for anti-LIN28A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Cytoplasm. Nucleus, nucleolus. Note=Nucleolar localization observed in 10-15% of the nuclei in differentiated myotubes (By similarity). Shuttles between the cytoplasm and the nucleus. Localizes to cytoplasmic processing bodies and stress granules.
Tissue Location	Expressed in embryonic stem cells (ES cells), placenta and testis.
Antigen Region	168-198 aa
Antigen Type	Synthetic Peptide
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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with LIN28A antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Anti-LIN28A Antibody (C-term) at 1:1000 dilution + NCCIT whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 23 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-LIN28A antibody	Description: LIN28A 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. It binds IGF2 mRNA, MYOD1 mRNA, ARBP/36B4 ribosomal protein mRNA and its own mRNA. It is essential for skeletal muscle differentiation through the translational up-regulation of IGF2 expression. Background: 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	Primary Antibodies; Developmental Biology; Neuroscience; Signal Transduction
References	Piskounova,E., J. Biol. Chem. 283 (31), 21310-21314 (2008). Wu,L., Mol. Cell. Biol. 25 (21), 9198-9208 (2005).

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	22743 Da
NCBI Official Full Name	protein lin-28 homolog A
NCBI Official Synonym Full Names	lin-28 homolog A

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/polyclonal/lin28a-antibody-immunohistochemistry-western-blot-elisa/290687>