

Rabbit anti-Human, mouse Lin28a Polyclonal Antibody | anti-Lin28a antibody

(Mouse) Lin28a Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286090	Rabbit	Human, mouse	ELISA, Western Blot

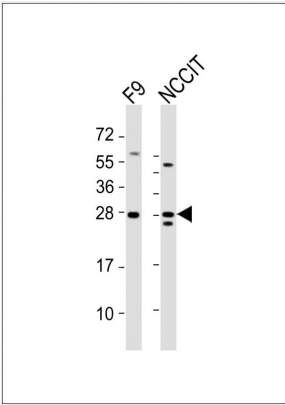
PRODUCT SYNONYMS

Lin28a; Polyclonal Antibody; (Mouse) Lin28a Antibody (C-term); Protein lin-28 homolog A; Lin-28A; Testis-expressed protein 17; Lin28; Tex17; anti-Lin28a antibody

PRODUCT SPECIFICATIONS

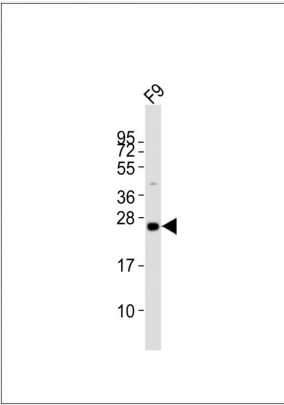
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Lin28a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 177-210 amino acids from the C-terminal region of Mouse Lin28a.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	209
Applicable Applications for anti-Lin28a antibody	ELISA, WB (Western Blot)
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.

IMAGES



WB (Western Blot)

All lanes : Anti-Lin28a Antibody (C-term) at 1:2000 dilution
Lane 1: F9 whole cell lysates
Lane 2: NCCIT whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 23 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-Lin28a Antibody (C-term) at 1:2000 dilution + F9 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 23 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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. 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	Stem Cells
References	Moss E.G.,et al.Dev. Biol. 258:432-442(2003). Moss E.G.,et al.Dev. Biol. 262:361-361(2003). Wang P.J.,et al.Nat. Genet. 27:422-426(2001). Yang D.-H.,et al.Gene Expr. Patterns 3:719-726(2003). Sempere L.F.,et al.Genome Biol. 5:R13.1-R13.11(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	22003878
NCBI GeneID	83557
NCBI Accession #	NP_665832.1
NCBI GenBank Nucleotide #	NM_145833.1
UniProt Accession #	Q8K3Y3; Q6NV62
Molecular Weight	22720
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	Lin28; Tex17; Lin-28; Gm10299; lin-28A; AL024421; ENSMUSG00000070700
NCBI Protein Information	protein lin-28 homolog A
UniProt Protein Name	Protein lin-28 homolog A
UniProt Gene Name	Lin28a
UniProt Synonym Gene Names	Lin28; Tex17; Lin-28A
UniProt Entry Name	LN28A_MOUSE

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/lin28a-antibody-western-blot-elisa/286090>