

Datasheet for ABIN6991275
anti-LIN28A antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	LIN28A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN28A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Lin28 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human Lin28. The immunogen is located within the last 50 amino acids of Lin28.
Isotype:	IgG
Purification:	Lin28 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LIN28A
Alternative Name:	Lin28 (LIN28A Products)
Background:	Lin28 Antibody: Lin28 is a transcription factor that was first identified through its key role in the pathway of developmental timing in <i>C. elegans</i> . The role of Lin28 in development suggested

Target Details

that it might be useful in the creation of stem cells that might be beneficial in cell replacement therapies in the treatment of several degenerative diseases. Artificial stem cells, termed induced pluripotent stem (iPS) cells, can be created by expressing Lin28 in addition to the transcription factors POU5F1, Sox2, and NANOG in mouse fibroblasts. More recently, experiments have demonstrated that iPS cells could be generated using expression plasmids expressing Lin28, Sox2, POU5F1 and c-Myc, eliminating the need for virus introduction, thereby addressing a safety concern for potential use of iPS cells in regenerative medicine.

Gene ID: 79727

UniProt: [Q9H9Z2](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Lin28 antibody can be used for detection of Lin28 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Lin28 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Lin28 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.