Rabbit anti-Human Lin28 Polyclonal Antibody | anti-LIN28 antibody

Lin28 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39243	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

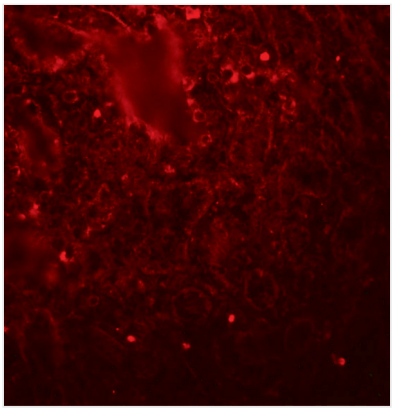
PRODUCT SYNONYMS

Lin28; Polyclonal Antibody; Lin28 Antibody; CSDD1; LIN28; LIN-28; ZCCHC1; lin-28A; Protein lin-28 homolog A; Zinc finger CCHC domain-containing protein 1; Lin-28A; lin-28 homolog (C. elegans); anti-LIN28 antibody

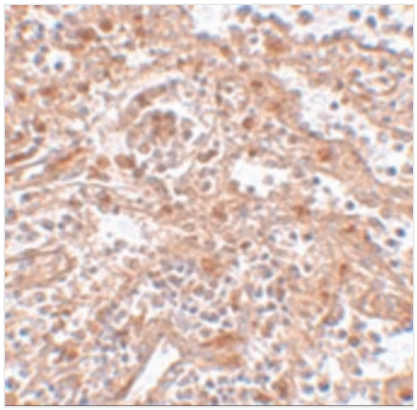
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Lin28 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	209
Applicable Applications for anti-LIN28 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Lin28 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human Lin28.
Buffer	Lin28 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

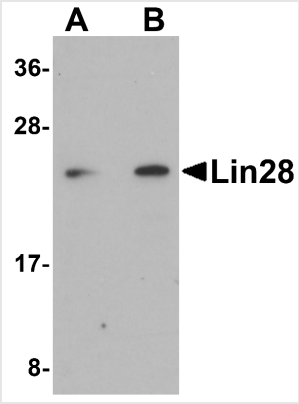
IMAGES



IF (Immunofluorescence)
Immunofluorescence of LIN28 in human spleen tissue with LIN28 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of KLF4 in human spleen tissue with KLF4 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of Lin28 in Raji cell lysate with Lin28 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LIN28 antibody	Lin28 Antibody: Lin28 is a transcription factor that was first identified through its key role in the pathway of developmental timing in C. elegans. The role of Lin28 in development suggested 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119628219
NCBI GeneID	79727
UniProt Accession #	Q9H9Z2
Molecular Weight	22,743 Da
NCBI Official Full Name	lin-28 homolog (C. elegans), isoform CRA_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; RNA-binding protein LIN-28; zinc finger, CCHC domain containing 1; zinc finger CCHC domain-containing protein 1
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-immunofluorescence-immunohistochemistry-western-blot-elisa/39243