
Product Name: KD-Validated LIN28A Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01550**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 22.7kDa

Antigen Information

Gene Name	LIN28A
Alternative Names	LIN28A; Lin-28 Homolog A; ZCCHC1; CSDD1; LIN-28; LIN28; Zinc Finger CCHC Domain-Containing Protein 1; Protein Lin-28 Homolog A; FLJ12457; Lin-28A; Zinc Finger, CCHC Domain Containing 1; Lin-28 Homolog (C. Elegans); RNA-Binding Protein LIN-28
Gene ID	79727.0
SwissProt ID	Q9H9Z2
Immunogen	A synthesized peptide derived from human LIN28

Background

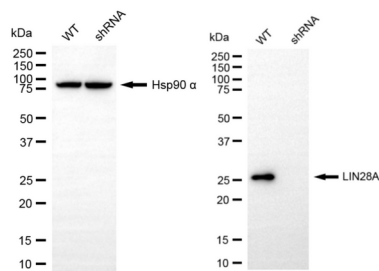
This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional regulator of genes involved in developmental timing and self-renewal in embryonic stem cells. The encoded protein functions through direct interaction with

target mRNAs and by disrupting the maturation of certain miRNAs involved in embryonic development. This protein prevents the terminal processing of the LET7 family of microRNAs which are major regulators of cellular growth and differentiation. Aberrant expression of this gene is associated with cancer progression in multiple tissues. [provided by RefSeq, Sep 2015]

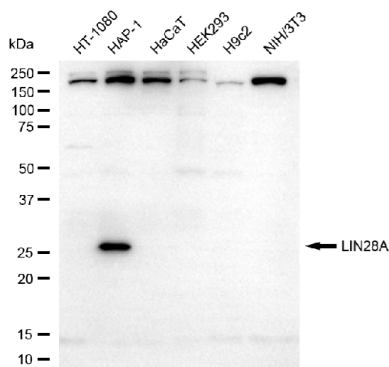
Research Area

Epigenetics and Nuclear Signaling

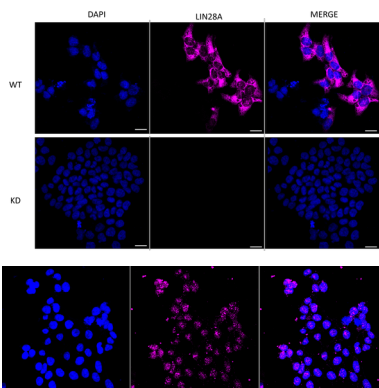
Image Data



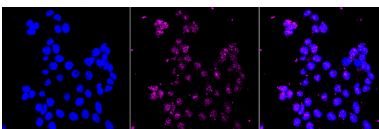
Western blotting analysis using LIN28A antibody (KVA01550). LIN28A expression in wild-type (WT) and LIN28A shRNA knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with LIN28A antibody (KVA01550, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using LIN28A antibody (KVA01550). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LIN28A antibody (KVA01550, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP1 cells using LIN28A antibody (KVA01550, 1:1,000), Top panel: wild-type (WT); Bottom panel: LIN28A shRNA knockdown (KD). Nuclei were stained blue with DAPI; LIN28A was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HAP-1 cells with LIN28A antibody (KVA01550, 1:1,000). Nuclei were stained blue with DAPI; LIN28A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.