

LIN28A Rabbit mAb

Catalog No.: A21261 **Recombinant**

Basic Information

Observed MW

28kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC53062

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.

Recommended Dilutions

WB	1:10000 - 1:70000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

79727

Swiss Prot

Q9H9Z2

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-209 of human LIN28A (NP_078950.1).

Synonyms

CSDD1; LIN28; LIN-28; ZCCHC1; lin-28A; LIN28A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

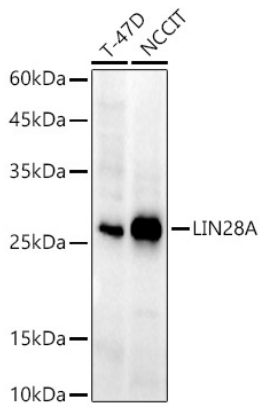
Affinity purification

Storage

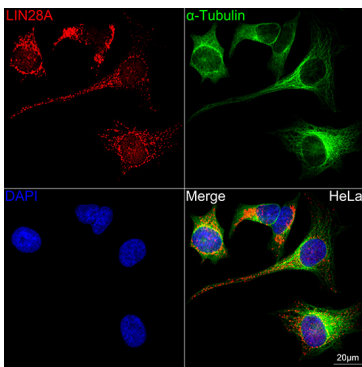
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

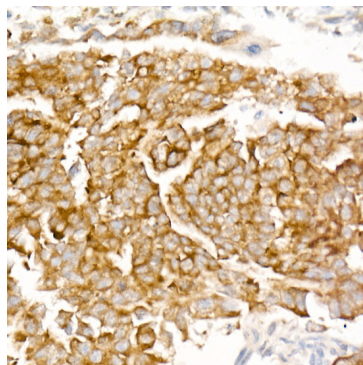
Validation Data



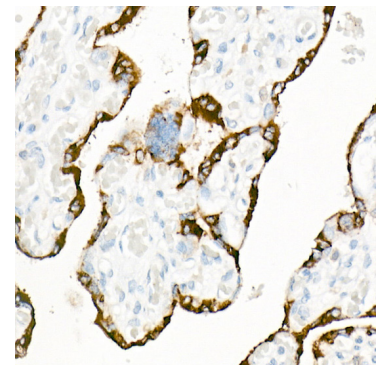
Western blot analysis of various lysates using LIN28A Rabbit mAb (A21261) at 1:60000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



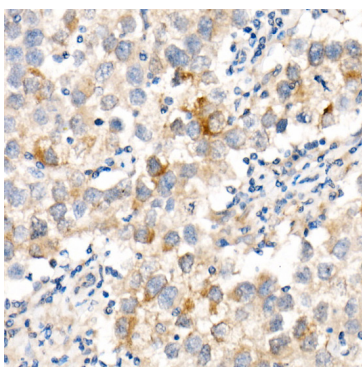
Confocal imaging of HeLa cells using LIN28A Rabbit mAb (A21261, dilution 1:200) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of paraffin-embedded Human embryonic carcinoma using LIN28A Rabbit mAb (A21261) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using LIN28A Rabbit mAb (A21261) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human seminoma using LIN28A Rabbit mAb (A21261) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.