LIN28B Rabbit mAb

Catalog No.: A9524 Recombinant



Basic Information

Observed MW

21kDa/32kDa//21kDa/32kDa/21kDa/32kD a

Calculated MW

27kDa

Category

Primary antibody

Applications

WB,IP,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC1616

Background

The protein encoded by this gene belongs to the lin-28 family, which is characterized by the presence of a cold-shock domain and a pair of CCHC zinc finger domains. This gene is highly expressed in testis, fetal liver, placenta, and in primary human tumors and cancer cell lines. It is negatively regulated by microRNAs that target sites in the 3' UTR, and overexpression of this gene in primary tumors is linked to the repression of let-7 family of microRNAs and derepression of let-7 targets, which facilitates cellular transformation.

Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

IHC-P 1:500 - 1:2000

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID389421
Swiss Prot
Q6ZN17

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CSDD2; LIN28B

Contact

6		400-999-6126
\bowtie		cn.market@abclonal.com.cn
\odot	ī	www.abclonal.com.cn

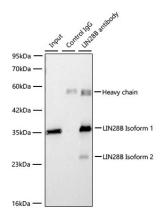
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

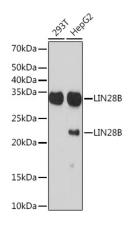
Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation of LIN28B from 300 μ g extracts of 293F cells was performed using 3 μ g of LIN28B Rabbit mAb (A9524). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using LIN28B Rabbit mAb (A9524) at a dilution of 1:500.

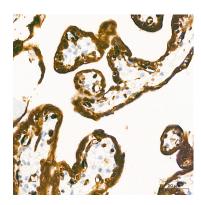


Western blot analysis of various lysates using LIN28B Rabbit mAb (A9524) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

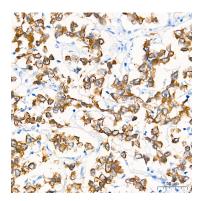
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunohistochemistry analysis of paraffinembedded Human placenta tissue using LIN28B Rabbit mAb (A9524) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human seminoma tissue using LIN28B Rabbit mAb (A9524) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.