

Datasheet for ABIN2800623
anti-LIN28B antibody (N-Term)



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Overview

Quantity:	400 µL
Target:	LIN28B
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN28B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit Anti-Human LIN28B (N-term) Antibody
Immunogen:	This LIN28B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human LIN28B.
Isotype:	Ig Fraction

Target Details

Target:	LIN28B
Alternative Name:	LIN28B (LIN28B Products)
Background:	Target Description: Lin-28 homolog B (LIN28B) is overexpressed in hepatocellular carcinoma. The heterochronic gene lin-28 is a key regulator of developmental timing in the nematode

Target Details

Caenorhabditis elegans. Similar with lin-28 proteins, LIN28B conserves a cold shock domain and a pair of CCHC zinc finger domains. Phylogenetic analysis suggests that they might arise as a result of duplication from an ancestral gene. Overexpression of LIN28B was noted in most HCC cell lines and clinical samples. A short LIN28B isoform was also identified in non-tumor liver tissue and fetal liver. Although predominantly localized in the cytoplasm, LIN28B protein shows cell cycle-dependent nuclear translocation in Huh7 cells. Induced expression of exogenous LIN28B in a tet-off cell line promoted cancer cell proliferation.

Gene Symbol: LIN28B

Molecular Weight: 27084 Da

Gene ID: 389421

UniProt: [Q6ZN17](#)

Application Details

Application Notes: Immunofluorescence, Western Blot, Immunohistochemistry, Flow Cytometry

Recommended Dilutions

IF: 1:100, WB: 1:1000, IHC: 1:10-50, FC: 1:10-50
Fluorescent confocal image of SY5Y cells stained with LIN28B (N-term) antibody. SY5Y cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.2 %, 30 min). Cells were then incubated with 102-12692 LIN28B (N-term) primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/mL, 5 min). Note the highly specific localization of the LIN28B immunosignal to the cytoplasm, supported by Human Protein Atlas Data (<http://www.proteinatlas.org/ENSG00000187772>). Western blot analysis of LIN28B Antibody (N-term) . FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)