

Datasheet for ABIN7600743
anti-LIN28B antibody (AA 23-249)



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Overview

Quantity:	100 µg
Target:	LIN28B
Binding Specificity:	AA 23-249
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN28B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-LIN28B Antibody Picoband®
Immunogen:	E.coli-derived human LIN28B recombinant protein (Position: E23-K249).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-LIN28B Antibody Picoband® (ABIN7600743). Tested in ELISA, IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LIN28B
Alternative Name:	LIN28B (LIN28B Products)
Background:	Synonyms: ATP-binding cassette sub-family C member 8, Sulfonylurea receptor 1, ABCC8, HRINS, SUR, SUR1 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.
Molecular Weight:	35 kDa
Gene ID:	389421

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Basak, A., Munschauer, M., Lareau, C. A., Montbleau, K. E., Ulirsch, J. C., Hartigan, C. R., Schenone, M., Lian, J., Wang, Y., Huang, Y., Wu, X., Gehrke, L., and 9 others. Control of human hemoglobin switching by LIN28B-mediated regulation of BCL11A translation. <i>Nature Genet.</i> 52: 138-145, 2020. 2. Guo, Y., Chen, Y., Ito, H., Watanabe, A., Ge, X., Kodama, T., Aburatani, H. Identification and characterization of lin-28 homolog B (LIN28B) in human hepatocellular carcinoma. <i>Gene</i> 384: 51-61, 2006. 3. Molenaar, J. J., Domingo-Fernandez, R., Ebus, M. E., Lindner, S., Koster, J., Drabek, K., Mestdagh, P., van Sluis, P., Valentijn, L. J., van Nes, J., Broekmans, M., Haneveld, F., and 18 others. LIN28B induces neuroblastoma and enhances MYCN levels via let-7 suppression. <i>Nature Genet.</i> 44: 1199-1206, 2012.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.