

LIN28A (Phospho-Ser120) Antibody

Catalog No: #12839



Package Size: #12839-1 50ul #12839-2 100ul

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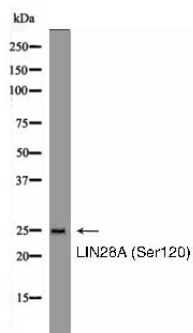
Description

| | |
|-----------------------|---|
| Product Name | LIN28A (Phospho-Ser120) Antibody |
| Brief Description | Rabbit Polyclonal |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | WB |
| Species Reactivity | Hu Ms |
| Specificity | Phospho-LIN28A (Ser120) Antibody detects endogenous levels of LIN28A only when phosphorylated at Ser120 |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | A synthesized peptide derived from human LIN28A (Phospho-Ser120) |
| Other Names | Protein lin-28 homolog A Lin-28A Zinc finger CCHC domain-containing protein 1 LIN28A CSDD1 LIN28 ZCCHC1 |
| Accession No. | Swiss-Prot#:Q9H9Z2 NCBI Gene ID79727 |
| Calculated MW | 26 |
| Concentration | 1.0mg mL |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

WB dilution:1:1000

Images



Western blot analysis LIN28A (Phospho-Ser120) using EGF treated MCF7 whole cell lysates

Product Description

LIN28A and LIN28B are conserved, developmentally regulated RNA binding proteins that inhibit the processing and maturation of the let-7 family of miRNAs (1,2). The let-7 miRNAs have been implicated in repression of oncogenes such as Ras, Myc, and HMGA2 (3). It has recently been shown that upregulation of LIN28A and LIN28B in primary human tumors and human cancer cell lines is correlated with downregulation of let-7 miRNAs (4). LIN28 genes are reported to be involved in primordial germ cell development and germ cell malignancy (5). In addition, allelic variation in LIN28B is associated with regulating the timing of puberty in humans (6). Overexpression of LIN28A, in conjunction with Oct-4, Sox2, and Nanog, can reprogram human fibroblasts to pluripotent, ES-like cells (7).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.