SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-LIN54/Biotin Conjugated antibody

Catalog Number: SL18280R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-LIN54/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human LIN54
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep)
Background:	background: LIN54 is a component of the LIN, or DREAM, complex, an essential regulator of cell cycle genes (Schmit et al., 2009 [PubMed 19725879]).[supplied by OMIM, Dec 2010] **Function:** Component of the DREAM complex, a multiprotein complex that can both act as a transcription activator or repressor depending on the context. In G0 phase, the complex binds to more than 800 promoters and is required for repression of E2F target genes. In S phase, the complex selectively binds to the promoters of G2/M genes whose products are required for mitosis and participates in their cell cycle dependent activation. In the complex, acts as a DNA-binding protein that binds the promoter of CDK1 in a sequence-specific manner.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Nucleus. **Similarity:** Belongs to the lin-54 family. Contains 2 CXC domains. **Database links:** **Entrez Gene:** 132660 Human **Entrez Gene:** 231506 Mouse **Entrez Gene:** 305171 Rat **SwissProt:** Q6MZP7 Human **SwissProt:** Q571G4 Mouse **SwissProt:** Q641Z1 Rat **Unigene:** 96952 Human **Unigene:** 212568 Mouse **Unigene:** 24111 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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