



Rabbit Anti-LIN54 antibody

SL18280R

Product Name:	LIN54
Chinese Name:	LIN54蛋白抗体
Alias:	CXC domain-containing protein 1; CXDC1; DKFZp686L1814; JC8.6; KIAA2037; Lin54; LIN54 HUMAN; MGC129905; MIP120; Protein lin-54 homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	80kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LIN54:101-200/749
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the lin-54 family.

Contains 2 CXC domains.

SWISS:

Q6MZP7

Gene ID:

132660

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.