

Rabbit Anti-LIN54/AP Conjugated antibody

SL18280R-AP

Product Name	Anti-LIN54/AP
Chinese Name	碱性磷酸酶（AP）标记的 LIN54 蛋白抗体
Alias	CXC domain-containing protein 1; CXCDC1; DKFZp686L1814; JC8.6; KIAA2037; Lin54; LIN54_HUMAN; MGC129905; MIP120; Protein lin-54 homolog.
Research Area	Tumour Cell biology immunology transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	80kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human LIN54
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	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.

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.