

LIN54 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57018**Specification**

LIN54 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6MZP7
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79494

LIN54 Polyclonal Antibody - Additional Information**Gene ID** 132660**Other Names**

Protein lin-54 homolog, CXC domain-containing protein 1, LIN54, CXCDC1, KIAA2037

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

LIN54 Polyclonal Antibody - Protein Information**Name** LIN54**Synonyms** CXCDC1, KIAA2037**Function**

Component of the DREAM complex, a multiprotein complex that can both act as a transcription activator or repressor depending on the context (PubMed: [17531812](http://www.uniprot.org/citations/17531812), PubMed: [17671431](http://www.uniprot.org/citations/17671431)). In G0 phase, the complex binds to more than 800 promoters and is required for repression of E2F target genes (PubMed: [17531812](http://www.uniprot.org/citations/17531812), PubMed: [17671431](http://www.uniprot.org/citations/17671431)). 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 (PubMed: [17531812](http://www.uniprot.org/citations/17531812), PubMed: [17671431](http://www.uniprot.org/citations/17671431)). In the complex, acts as a DNA-binding protein that binds the promoter of CDK1 in a sequence-specific manner (PubMed: [19725879](http://www.uniprot.org/citations/19725879) target=" _blank">19725879). Specifically recognizes the consensus motif 5'-TTYRAA-3' in

target DNA (PubMed:27465258).

Cellular Location

Nucleus.

LIN54 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LIN54 Polyclonal Antibody - Images