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Datasheet for ABIN7451470
anti-LIN54 antibody (AA 50-100)

Overview

Quantity:	100 µg
Target:	LIN54
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN54 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-LIN54 Antibody, Affinity Purified
Immunogen:	Between AA 50 and 100
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat
Purification:	Affinity Purified

Target Details

Target:	LIN54
Alternative Name:	LIN54 (LIN54 Products)
Background:	Background: LIN54 is a component of the DREAM complex, a multiprotein complex that can

Target Details

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, LIN54 acts as a DNA-binding protein that binds the promoter of CDK1 in a sequence-specific manner [taken from the Universal Protein Resource (UniProt) Q6MZP7].

Gene ID: 132660

NCBI Accession: [NP_919258](#)

UniProt: [Q6MZP7](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months