

Datasheet for ABIN6992048
anti-LIN54 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	LIN54
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIN54 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	LIN54 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human LIN54. The immunogen is located within the last 50 amino acids of LIN54.
Isotype:	IgG
Specificity:	LIN54 antibody is human, mouse, and rat reactive. Multiple isoforms of LIN54 are known to exist.
Purification:	LIN54 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	LIN54
Alternative Name:	LIN54 (LIN54 Products)

Target Details

Background:	LIN54 is a component of the LIN, or DREAM, complex, an essential regulator of cell cycle genes. This complex functions as a transcriptional repressor by binding to promoters of E2F target genes that regulate the G1/S transition (1). LIN54 is required for cell cycle progression and can bind to the cdc2 promoter in a sequence-specific manner (2).
Molecular Weight:	Predicted: 88 kDa Observed: 82 kDa
Gene ID:	132660
NCBI Accession:	NP_919258
UniProt:	Q6MZP7
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	LIN54 antibody can be used for detection of LIN54 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LIN54 antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	LIN54 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.