

Datasheet for 600-401-CL1**LIN54 Antibody****Overview**

Description:	Anti-LIN54 (RABBIT) Antibody - 600-401-CL1
Item No.:	600-401-CL1
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product 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. LIN54 is required for cell cycle progression and can bind to the cdc2 promoter in a sequence-specific manner.
Synonyms:	LIN-54, JC8.6, CXCDC1, MIP120
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	LIN54
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-LIN54 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the C-terminus of human LIN54.
Purity/Specificity:	Anti-LIN54 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. LIN54 antibody is human, mouse, and rat reactive. Multiple isoforms of LIN54 are known to exist.
Relevant Links:	• UniProtKB - Q6MZP7

- [GeneID - 132660](#)
- [NCBI - NP_919258](#)

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-LIN54 Antibody has been tested for use in ELISA, immunocytochemistry, immunofluorescence, and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 79 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	1-2 µg/mL

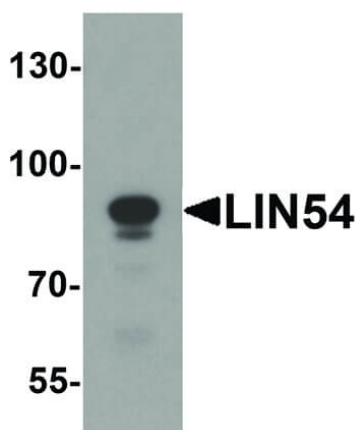
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Rabbit Anti-LIN54 antibody. Lane A: HeLa cell lysate in the absence of blocking peptide. Lane B: HeLa cell lysate in the presence of blocking peptide. Primary antibody: LIN54 antibody at 1 µg/mL overnight at 4°C. Secondary antibody: Goat anti-Rabbit HRP secondary antibody. Block: 5% BLOTTO. Predicted/Observed size: 88 kDa, 82 kDa for LIN54.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.