

LIS1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 14 amino acid peptide from near the carboxy terminus of human LIS1.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11154172

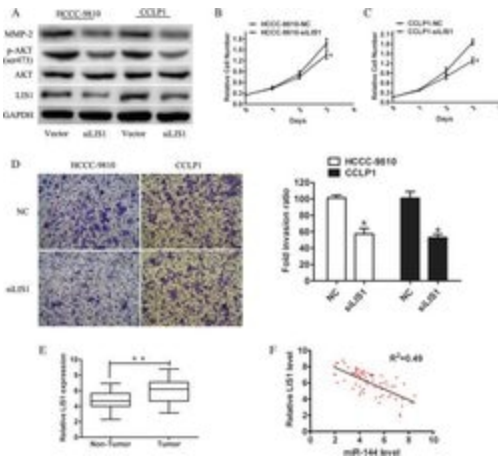
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-1 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	2.5 µg/mL	-

Product Specific Information

A suggested positive control is Hela cell lysate.

PA5-20419 can be used with blocking peptide PEP-0536.

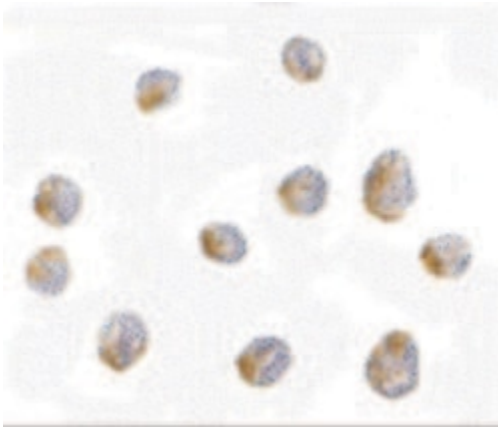
Advanced Verification Data



LIS1 Antibody (PA5-20419)

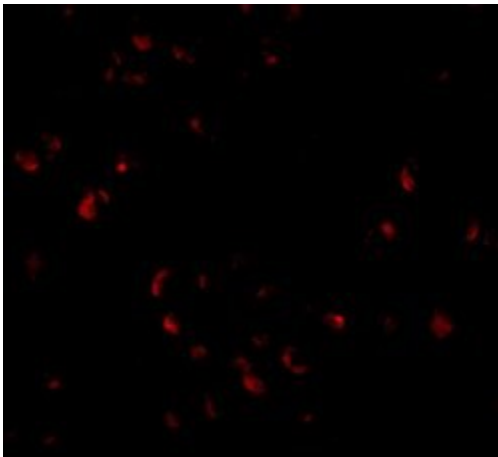
Effects of siRNA-mediated knockdown of LIS1 on CCA cell proliferation, invasion, and migration. A. Western blot was used to detect the expression of LIS1, AKT, p-AKT, and MMP2 in HCCC-9810 and CCLP1 cells transfected with indicated siRNAs (20 nmol/L) 48 h after transfection. B and C. The cell proliferation curve of HCCC-9810 and CCLP1 cells transfected with LIS1 siRNA or control for 48 h. D. Representative results of invasion assays. The bar graph showed quantification of cell invasion between cells transfected with LIS1 siRNA and control. E. The mRNA levels of LIS1 were detected in CCA tumor tissues or matched adjacent tissue by q-PCR. GAPDH was used as an internal control. F. Expression of miR-144 was inversely correlated with LIS1 in CCA tissues. Statistical analysis was performed using Pearson's correlation coefficient. ($R^2 = 0.49$, $P < 0.01$). * $P < 0.05$, ** $P < 0.01$. Knockdown validation info.

Product Images For LIS1 Polyclonal Antibody



LIS1 Antibody (PA5-20419) in ICC/IF

Immunocytochemistry of LIS1 in Jurkat cells with LIS1 Polyclonal Antibody (Product # PA5-20419) at 2.5 µg/mL.



LIS1 Antibody (PA5-20419) in ICC/IF

Immunofluorescence of LIS1 in Jurkat cells with LIS1 Polyclonal Antibody (Product # PA5-20419) at 20 µg/mL.

View more figures on [thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

BMC cancer

MicroRNA-144 suppresses cholangiocarcinoma cell proliferation and invasion through targeting platelet activating factor acetylhydrolase isoform 1b.

"PA5-20419 was used in western blot to investigate the role of microRNAs in cholangiocarcinoma"

Authors: Yang R,Chen Y,Tang C,Li H,Wang B,Yan Q,Hu J,Zou S

Species
Human

Dilution
Not Cited

Year
2014

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