

ARG59927 anti-LSM4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LSM4
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LSM4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-139 of Human LSM4 (NP_036453.1).
Conjugation	Un-conjugated
Alternate Names	Glycine-rich protein; YER112W; GRP; U6 snRNA-associated Sm-like protein LSm4

Application Instructions

Application table	Application	Dilution
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat liver, Mouse thymus and MCF7	
Observed Size	15 kDa	

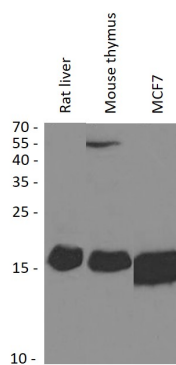
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

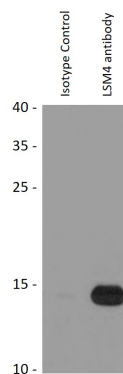
Gene Symbol	LSM4
Gene Full Name	LSM4 homolog, U6 small nuclear RNA and mRNA degradation associated
Background	This gene encodes a member of the LSm family of RNA-binding proteins. LSm proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Function	Binds specifically to the 3'-terminal U-tract of U6 snRNA. [UniProt]
Calculated Mw	15 kDa
Cellular Localization	Nucleus. [UniProt]

Images



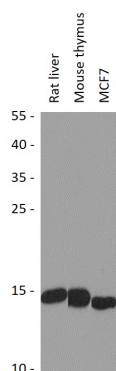
ARG59927 anti-LSM4 antibody WB image

Western blot: 25 µg of Rat liver, Mouse thymus and MCF7 cell lysates stained with ARG59927 anti-LSM4 antibody at 1:1000 dilution.



ARG59927 anti-LSM4 antibody IP image

Immunoprecipitation: 200 µg extracts of Jurkat cells immunoprecipitated and stained with ARG59927 anti-LSM4 antibody at 1:1000 dilution.



ARG59927 anti-LSM4 antibody WB image

Western blot: 25 µg of Rat liver, Mouse thymus and MCF7 cell lysates stained with ARG59927 anti-LSM4 antibody at 1:1000 dilution through one-step method.