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LSM4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5835c

Product Information

Application	WB, E
Primary Accession	Q9Y4Z0
Other Accession	Q9QXA5, Q3ZBK6, NP_036453.1
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20587
Calculated MW	15350
Antigen Region	47-74

Additional Information

Gene ID	25804
Other Names	U6 snRNA-associated Sm-like protein LSm4, Glycine-rich protein, GRP, LSM4
Target/Specificity	This LSM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-74 amino acids from the Central region of human LSM4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LSM4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

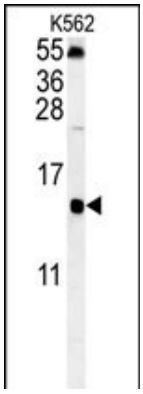
Protein Information

Name	LSM4
Function	Plays a role in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex) (PubMed:28781166). The

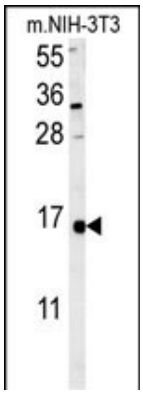
heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320).

Cellular Location Nucleus

Images



LSM4 Antibody (Center) (Cat. #AP5835c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the LSM4 antibody detected the LSM4 protein (arrow).



LSM4 Antibody (Center) (Cat. #AP5835c) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the LSM4 antibody detected the LSM4 protein (arrow).