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LSM11 Rabbit pAb

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Catalog # AP94139

Product Information

Application	WB
Primary Accession	P83369
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39500
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LSM11
Epitope Specificity	261-360/360
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LSM11 is a 39.5 kDa protein that is a component of a specialized SMN complex also containing Lsm10. Lsm11 not only specifies the assembly of the U7 Sm core but also fulfills an important role in U7 snRNP-mediated histone mRNA processing.

Additional Information

Gene ID	134353
Other Names	U7 snRNA-associated Sm-like protein LSm11, LSM11 {ECO:0000303|PubMed:12975319, ECO:0000312|HGNC:HGNC:30860}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LSM11 {ECO:0000303|PubMed:12975319, ECO:0000312|HGNC:HGNC:30860}
Function	Component of the U7 snRNP complex that is involved in the histone 3'-end

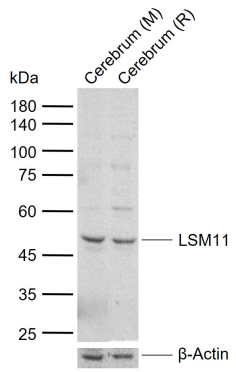
pre-mRNA processing (PubMed:11574479, PubMed:16914750, PubMed:33230297). Increases U7 snRNA levels but not histone 3'-end pre-mRNA processing activity, when overexpressed (PubMed:11574479, PubMed:16914750). Required for cell cycle progression from G1 to S phases (By similarity). Binds specifically to the Sm-binding site of U7 snRNA (PubMed:11574479, PubMed:16914750).

Cellular Location Nucleus.

Background

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Images



Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Rat Cerebrum tissue lysates
Primary: Anti-LSM11 (AP94139) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 53 kDa
Observed band size: 50 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.