

Rabbit LSM1 Polyclonal Antibody | anti-LSM1 antibody

LSM1 Antibody (C-term)

CATALOG # AAA288768	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

LSM1; Polyclonal Antibody; LSM1 Antibody (C-term); U6 snRNA-associated Sm-like protein LSM1; Cancer-associated Sm-like; Small nuclear ribonuclear CaSm; CASM; anti-LSM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LSM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-133 amino acids from the C-terminal region of human LSM1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	103-133
Sequence Length	133
Applicable Applications for anti-LSM1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with LSM1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-LSM1 Antibody (C-term) in Hela cell line lysates (35ug/lane). LSM1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LSM1 antibody	Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.
References	Schweinfest C.W., Graber M.W., Chapman J.M., Papas T.S., Baron P.L.,Cancer Res. 57:2961-2965(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657313
NCBI GeneID	27257
NCBI Accession #	NP_055277.1
NCBI GenBank Nucleotide #	NM_014462.2
UniProt Accession #	O15116; B2R5E6
Molecular Weight	15179
NCBI Official Full Name	U6 snRNA-associated Sm-like protein LSM1
NCBI Official Synonym Full Names	LSM1 mRNA degradation associated
NCBI Official Symbol	LSM1
NCBI Official Synonym Symbols	CASM; YJL124C
NCBI Protein Information	U6 snRNA-associated Sm-like protein LSM1
UniProt Protein Name	U6 snRNA-associated Sm-like protein LSM1
UniProt Gene Name	LSM1
UniProt Synonym Gene Names	CASM
UniProt Entry Name	LSM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsm1-antibody-immunohistochemistry-western-blot-elisa/288768>