

Rabbit LSM4 Polyclonal Antibody | anti-LSM4 antibody

LSM4 antibody - middle region

CATALOG # AAA198749	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

LSM4; Polyclonal Antibody; LSM4 antibody - middle region; anti-LSM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GR GGLQQKQK GRGMGGAGRG VFGGRGRGGI PGTGRGQPEK KPGRQAGK
Sequence Length	139
Applicable Applications for anti-LSM4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LSM4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LSM4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate
LSM4 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Rabbit Anti-LSM4 antibody
Paraffin Embedded Tissue: Human Heart cell
Cellular Data: cardiac cell of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-LSM4 antibody	This is a rabbit polyclonal antibody against LSM4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). 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.Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). 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.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-LSM4 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912486
NCBI GeneID	25804
NCBI Accession #	NP_036453
NCBI GenBank Nucleotide #	NM_012321
UniProt Accession #	Q9Y4Z0
Molecular Weight	15kDa
NCBI Official Full Name	U6 snRNA-associated Sm-like protein LSM4 isoform 1
NCBI Official Synonym Full Names	LSM4 homolog, U6 small nuclear RNA and mRNA degradation associated
NCBI Official Symbol	LSM4
NCBI Official Synonym Symbols	GRP; YER112W
NCBI Protein Information	U6 snRNA-associated Sm-like protein LSM4
UniProt Protein Name	U6 snRNA-associated Sm-like protein LSM4
UniProt Gene Name	LSM4
UniProt Synonym Gene Names	GRP
UniProt Entry Name	LSM4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsm4-antibody-western-blot-immunohistochemistry-elisa/198749>