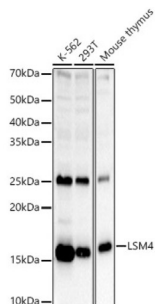
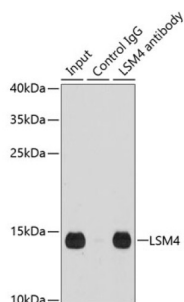


LSM4 Homolog, U6 Small Nuclear RNA And mRNA Degradation Associated (LSM4) Antibody

Catalogue No.: abx004518



Western blot analysis of various lysates, using LSM4 Antibody at 1/1500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells using 1 µg LSM4 antibody. Western blot was performed from the immunoprecipitate using LSM4 antibody at a dilution of 1/1000.

LSM4 Antibody is a Rabbit Polyclonal antibody against LSM4. 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.

Target: LSM4 Homolog, U6 Small Nuclear RNA And mRNA Degradation Associated (LSM4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-139 of human LSM4.

Isotype: IgG

Datasheet

Version: 3.0.0
Revision date: 17 Jun 2025



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| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q9Y4Z0 (UniProt , ExPASy) |
| Gene Symbol: | LSM4 |
| GeneID: | 25804 |
| NCBI Accession: | NP_036453.1 |
| String: | 9606.ENSP00000469468 |
| Molecular Weight: | Calculated MW: 15 kDa Observed MW: 16 kDa |
| Buffer: | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| Concentration: | > 0.2 mg/ml |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |