

LSM4 Rabbit pAb

Catalog No.: A5891 **2 Publications**

Basic Information

Observed MW

16kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

25804

Swiss Prot

Q9Y4Z0

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-139 of human LSM4 (NP_036453.1).

Synonyms

GRP; YER112W; LSM4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

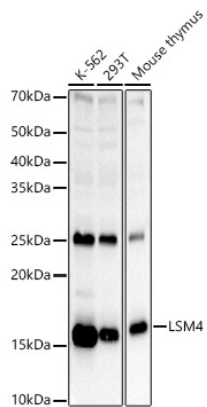
Affinity purification

Storage

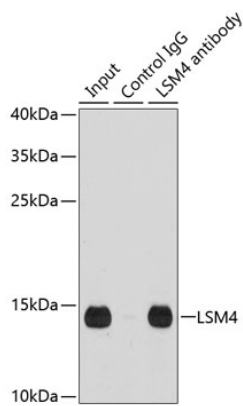
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using LSM4 Rabbit pAb (A5891) at 1:1500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunoprecipitation analysis of 200 μ g extracts of Jurkat cells using 1 μ g LSM4 antibody (A5891).
Western blot was performed from the immunoprecipitate using LSM4 antibody (A5891) at a dilution of 1:1000.