

#### **International Office**

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# EB11571 - Goat Anti-LSM2 (aa33-46) Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** C6orf28, G7b, LSM2, LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae), OTTHUMP0000029159, protein G7b, small nuclear ribonuclear protein D homolog, snRNP, snRNP core Sm-like protein Sm-x5, U6 snRNA-associated Sm-like protein LSm2, YBL026W

Official Symbol: LSM2

Accession Number(s): NP\_067000.1

Human GeneID(s): 57819

Non-Human GeneID(s): 27756 (mouse), 684148 (rat)

# Immunogen

Peptide with sequence C-DQYLNIKLTDISVT, from the internal region of the protein sequence according to NP\_067000.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx 10kDa band observed in lysates of cell line K562 and NIH3T3 (calculated MW of 10kDa according to NP\_067000.1). Recommended concentration: 1-3μg/ml.

### **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB11571 ( $1\mu g/ml$ ) staining of K562 lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.