



## Goat anti-LSM2 (aa33-46) Antibody

<b>Item Number</b>	dAP-2679
<b>Target Molecule</b>	Principle Name: LSM2 (aa33-46); Official Symbol: LSM2; All Names and Symbols: LSM2; LSM2 homolog, U6 small nuclear RNA associated (S. cerevisiae); C6orf28; G7b; YBL026W; snRNP; OT-THUMP00000029159; U6 snRNA-associated Sm-like protein LSm2; protein G7b; small nuclear ribonuclear protein D homolog; snRNP core Sm-like protein Sm-x5; Accession Number (s): NP_067000.1; Human Gene ID(s): 57819; Non-Human GeneID(s): 27756 (mouse) 684148 (rat)
<b>Immunogen</b>	DQYLNKLTDISVT, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ingelfinger D, Arndt-Jovin DJ, Lührmann R, Achsel T. The human LSm1-7 proteins colocalize with the mRNA-degrading enzymes Dcp1/2 and Xrnl in distinct cytoplasmic foci. RNA. 2002 Dec;8(12):1489-501..PMID: 12515382->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**