

Goat anti-LSM3 Antibody

Item Number	dAP-2667
Target Molecule	Principle Name: LSM3; Official Symbol: LSM3; All Names and Symbols: LSM3; LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae); SMX4; USS2; YLR438C; OTTHUMP00000160275; U6 snRNA-associated Sm-like protein LSm3; Accession Number (s): NP_055278.1; Human Gene ID(s): 27258; Non-Human GenID(s): 67678 (mouse) 297455 (rat)
Immunogen	SLDERIYVKMRND, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments in Human and Rodent Spleen lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with
IHC	
Reference	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 Xrn1 in distinct cytoplasmic foci. <i>RNA</i> . 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 end users! This product is sold for **Research Use Only**