

## Goat anti-LSM5 Antibody

<b>Item Number</b>	dAP-2681
<b>Target Molecule</b>	Principle Name: LSM5; Official Symbol: LSM5; All Names and Symbols: LSM5; LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae); FLJ12710; YER146W; OTTHUMP00000123495; OTTHUMP00000202663; OTTHUMP00000202664; OTTHUMP00000202665; OTTHUMP00000202666; OTTHUMP00000202667; U6 snRNA-associated Sm-like protein LSm5; Accession Number (s): NP_036454.1; Human Gene ID(s): 23658; Non-Human GeneID(s): 66373 (mouse) 306222 (rat)
<b>Immunogen</b>	KCIGSRIHIVMKSDK, is from internal region This antibody is expected to recognize isoform a (NP_036454.1) only.
<b>Applications</b>	Pep ELISA Species Tested:
<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 8000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in lysates of cell lines HeLa and MCF7 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 w
<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 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**