

Goat anti-LSM5 Antibody

Item Number	dAP-2681
Target Molecule	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)
Immunogen	KCIGSRIHIVMKSDK, is from internal region This antibody is expected to recognize isoform a (NP_036454.1) only.
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 8000.
Western Blot	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
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. 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**