

Goat anti-LASS3 / CerS3 Antibody

Item Number	dAP-1587
Target Molecule	Principle Name: LASS3 / CerS3; Official Symbol: LASS3; All Names and Symbols: LASS3; CerS3; LAG1 homolog, ceramide synthase 3; MGC27091; LAG1 longevity assurance homolog 3; Accession Number (s): NP_849164.2; Human Gene ID(s): 204219; Non-Human GeneID(s): 545975 (mouse) 499174 (rat)
Immunogen	RAERHLIPNGQHGH, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Rat
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 32000.
Western Blot	Western Blot: Approx. 45 kDa band observed in Rat Testis lysates (calculated MW of 46.3 kDa according to Human NP_849164.2 and of 47.2 kDa according to Rat NP_001121033.1). Recommended concentration: 2-3µg/ml.
IHC	
Reference	Reference(s): Mizutani Y, Kihara A, Igarashi Y. LASS3 (longevity assurance homologue 3) is a mainly testis-specific (dihydro)ceramide synthase with relatively broad substrate specificity. Biochem J. 2006 Sep 15;398(3):531-8.. PMID: 16753040->

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**