



Goat anti-LASS1 Antibody

Item Number	dAP-1586
Target Molecule	Principle Name: LASS1; Official Symbol: LASS1; All Names and Symbols: LAG1; CerS1; LASS1; LAG1 homolog, ceramide synthase 1; MGC90349; UOG1; LAG1 longevity assurance homolog 1; longevity assurance (LAG1, <i>S. cerevisiae</i>) homolog 1; longevity assurance gene 1; upstream of GDF1; Accession Number (s): NP_067090.1; NP_937850.1; Human Gene ID(s): 10715; Non-Human GeneID(s): 93898 (mouse) 306351 (rat)
Immunogen	KDLREYDTAEAQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_067090.1 and NP_937850.1).
Applications	Pep ELISA, WB Species Tested: Human
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 64000.
Western Blot	Western Blot: Approx. 37 kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 38.0 kDa according to NP_937850.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also
IHC	
Reference	Reference(s): Venkataraman K, Riebeling C, Bodennec J, Riezman H, Allegood JC, Sullards MC, Merrill AH Jr, Futerman AH. Upstream of growth and differentiation factor 1 (uog1), a mammalian homolog of the yeast longevity assurance gene 1 (LAG1), regulates N-stearoyl-sphinganine (C18-(dihydro)ceramide) syn-

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**