

Goat anti-LASS5+6 / CerS5+6 Antibody

Item Number	dAP-1547
Target Molecule	Principle Name: LASS5+6 / CerS5+6; Official Symbol: LASS5; All Names and Symbols: LASS5; LAG1 homolog, ceramide synthase 5; CerS5; FLJ25304; MGC45411; Trh4; LAG1 longevity assurance homolog 5; Accession Number (s): NP_671723.1; NP_982288.1; Human Gene ID(s): 91012; 253782; Non-Human GeneID(s): 71949 (mouse) 366984 (rat)
Immunogen	RGKVS KDDRS DVES, is from internal region This antibody is expected to cross-react with the highly similar LASS6.
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 4000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 60kDa band in lysates of HEK293, HeLa and HepG2 after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculate
IHC	
Reference	Reference(s): Min J, Mesika A, Sivaguru M, Van Veldhoven PP, Alexander H, Futerman AH, Alexander S. (Dihydro)ceramide synthase 1 regulated sensitivity to cisplatin is associated with the activation of p38 mitogen-activated protein kinase and is abrogated by sphingosine kinase 1. Mol Cancer Res. 2007 Aug;5

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**