



Goat anti-DAGLA Antibody

Item Number	dAP-1551
Target Molecule	Principle Name: DAGLA; Official Symbol: DAGLA; All Names and Symbols: DAGLA; diacylglycerol lipase, alpha; C11orf11; DAGL(ALPHA); DAGLALPHA; NSDDR; diacylglycerol lipase alpha; neural stem cell-derived dendrite regulator; KIAA0659; Accession Number (s): NP_006124.1; Human Gene ID(s): 747; Non-Human GeneID(s): 269060 (mouse) 309207 (rat)
Immunogen	PAKQDELVISAR, is from C Terminus
Applications	Pep ELISA, WB, IHC 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 128000.
Western Blot	Western Blot: Approx 125kDa band observed in Human Liver lysates (calculated MW of 115kDa according to NP_006124.1). Recommended concentration: 0.3-1µg/ml. Some minor background is detected and is blocked by the immunizing peptide.
IHC	Immunohistochemistry: Paraffin embedded Human Breast, Pancreas and Spleen. Recommended concentration: 5µg/ml.
Reference	Reference(s): Bisogno T, Howell F, Williams G, Minassi A, Cascio MG, Ligresti A, Matias I, Schiano-Moriello A, Paul P, Williams EJ, Gangadharan U, Hobbs C, Di Marzo V, Doherty P. Cloning of the first sn1-DAG lipases points to the spatial and temporal regulation of endocannabinoid signaling in the brain. J Cell

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**