



Goat anti-DAG1 Antibody

Item Number	dAP-2130
Target Molecule	Principle Name: DAG1; Official Symbol: DAG1; All Names and Symbols: DAG1; dystroglycan 1 (dystrophin-associated glycoprotein 1); 156DAG; A3a; AGRNR; DAG; alpha-dystroglycan; beta-dystroglycan; dystroglycan 1; Accession Number (s): NP_004384.4; Human Gene ID(s): 1605; Non-Human GeneID(s):
Immunogen	HVGKHEYFMHATDK, is from internal region This antibody is expected to recognize both the precursor and the mature alpha-dystroglycan, but not the mature beta-dystroglycan.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, 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 128000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Skeletal Muscle lysates (calculated MW of 97.4kDa according to NP_004384.4). Approx 80kDa band observed in Mouse and Rat Skeletal Muscle lysates (calculated MW of 96.9kDa according to NP_034147.1). The o
IHC	
Reference	Reference(s): de Bernabé DB, Inamori K, Yoshida-Moriguchi T, Weydert CJ, Harper HA, Willer T, Henry MD, Campbell KP, Loss of alpha-dystroglycan laminin binding in epithelium-derived cancers is caused by silencing of LARGE. The Journal of biological chemistry 2009 Apr 284 (17): 11279-84..PMID: 19244252->

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**