

Goat DAG1 Polyclonal Antibody | anti-DAG1 antibody

Goat anti-DAG1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61501	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

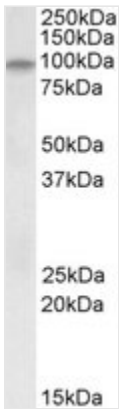
DAG1; Polyclonal Antibody; Goat anti-DAG1 Antibody; dystroglycan 1 (dystrophin-associated glycoprotein 1); 156DAG; A3a; AGRNR; DAG; alpha-dystroglycan; beta-dystroglycan; dystroglycan 1; 156DAG antibody; A3a antibody; AGRNR antibody; alpha-dystroglycan antibody; beta-dystroglycan antibody; DAG antibody; dystroglycan 1 antibody; dystroglycan 1 (dystrophin-associated glycoprotein 1) antibody; DAG1 antibody; anti-DAG1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	HVGKHEYFMH ATDK
Sequence Length	895
Applicable Applications for anti-DAG1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-HVGKHEYFMHATDK, from the internal region of the protein sequence according to NP_004384.4.
Epitope	Internal region
Note	This antibody is expected to recognize both the precursor and the mature alpha-dystroglycan, but not the mature beta-dystroglycan.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0.1ug/ml staining of Mouse and Rat Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0.2ug/ml staining of Human Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	294997282
NCBI GeneID	1605
NCBI Accession #	NP_004384.4
NCBI GenBank Nucleotide #	NM_004393.5
Molecular Weight	97,441 Da
NCBI Official Full Name	dystroglycan preproprotein
NCBI Official Synonym Full Names	dystroglycan 1
NCBI Official Symbol	DAG1
NCBI Official Synonym Symbols	A3a; DAG; AGRNR; 156DAG; MDDGA9; MDDGC7; MDDGC9
NCBI Protein Information	dystroglycan
UniProt Protein Name	Dystroglycan
UniProt Gene Name	DAG1
UniProt Synonym Gene Names	Alpha-DG; Beta-DG
UniProt Entry Name	DAG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.