DAG1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DAG1, Polyclonal Antibody
Full Product Name	Anti-DAG1 Antibody, Rabbit Polyclonal
Product Gene Name	anti-DAG1 antibody
Product Synonym Names	DAG1/Dystroglycan Antibody, Rabbit PAb, Antigen Affinity Purified; dystroglycan 1 (dystrophin-associated glycoprotein 1); Anti-156DAG Antibody; Anti-A3a Antibody; Anti-AGRNR Antibody; Anti-DAG Antibody; Anti-MDDGC7 Antibody; Anti-MDDGC9 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human DAG1/Dystroglycan
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Molecular Weight	97,441 Da
Immunogen	Recombinant Human DAG1/Dystroglycan Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human DAG1/Dystroglycan (rh DAG1/Dystroglycan). DAG1/Dystroglycan specific IgG was purified by Human DAG1/Dystroglycan affinity chromatography.
Product Categories/Family for anti-DAG1 antibody	EGFR Signaling Pathway
Applications Tested/Suitable for anti-DAG1 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-DAG1 antibody	IHC-P: 1:200-1:1000
Related Product Information for anti-DAG1 antibody	MBS8107348 is an antibody targeting DAG1. Also known as Anti-DAG1 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-DAG1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DAG1. It may not necessarily be applicable to this product.

NCBI GI #	294997282
NCBI GeneID	1605

NCBI Accession #	NP_004384.4
UniProt Secondary Accession #	Q969J9; A8K6M7
UniProt Related Accession #	Q14118
GenBank Nucleotide #	NM_004393.5
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
Protein Family	Dystroglycan
NCBI Protein Information	dystroglycan
NCBI Summary for DAG1	This gene encodes dystroglycan, a central component of dystrophin-glycoprotein complex that links the extracellular matrix and the cytoskeleton in the skeletal muscle. The encoded preproprotein undergoes O- and N-glycosylation, and proteolytic processing to generate alpha and beta subunits. Certain mutations in this gene are known to cause distinct forms of muscular dystrophy. Alternative splicing results in multiple transcript variants, all encoding the same protein. [provided by RefSeq, Nov 2015]
Research Articles on DAG1	**1.** alpha-DG-N removal as an important posttranslational control of endometrial receptivity and uterine fluid alpha-DG-N as a potential biomarker for receptivity in women.
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