DAG1 Rabbit pAb

Catalog No.: A10076 3 Publications



Basic Information

Observed MW

43kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:20 - 1:100

IP 0.5μg-4μg antibody for

200μg-400μg extracts of whole cells

whole ce

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene IDSwiss Prot
1605
Q14118

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

A3a; DAG; AGRNR; 156DAG; MDDGA9; MDDGC7; MDDGC9; LGMDR16; DAG1

Contact

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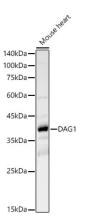
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



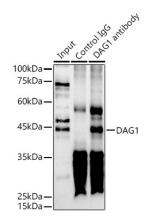
Western blot analysis of lysates from Mouse heart, using DAG1 Rabbit pAb (A10076) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

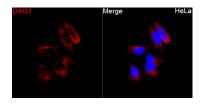
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunoprecipitation analysis of 300 μ g extracts of Hela cells using 3 μ g DAG1 antibody (A10076). Western blot was performed from the immunoprecipitate using DAG1 antibody (A10076) at a dilution of 1:1000.



Immunofluorescence analysis of HeLa cells using DAG1 Rabbit pAb(A10076) at a dilution of 1:200 (40x lens). Secondary antibody:Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.