

DAG1 Rabbit pAb

Catalog No.: A10076

Basic Information

Catalog No.

A10076

Observed MW

43kDa/95kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:1000
IF	1:20 - 1:100

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
1605	Q14118

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 654-749 of human DAG1 (NP_004384.4).

Synonyms

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

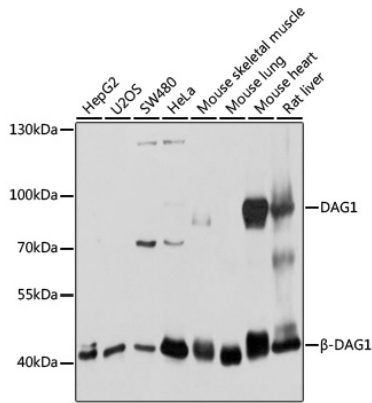
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using DAG1 antibody (A10076) at 1:1000 dilution.

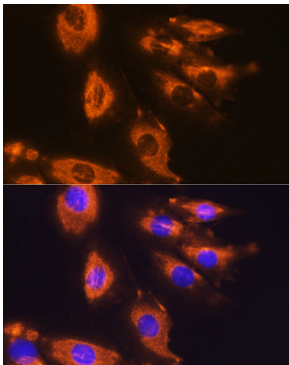
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

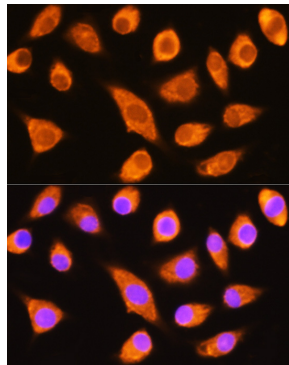
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

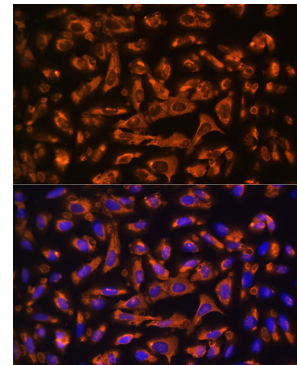
Exposure time: 10s.



Immunofluorescence analysis of H9C2 cells using DAG1 Rabbit pAb (A10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using DAG1 Rabbit pAb (A10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DAG1 Rabbit pAb (A10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.