

DAG1 Rabbit Polyclonal Antibody



CAB10076

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

43kDa/95kDa

Calculated MW:

97kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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 preprotein 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:

1605

Uniprot

Q14118

Synonyms:

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

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

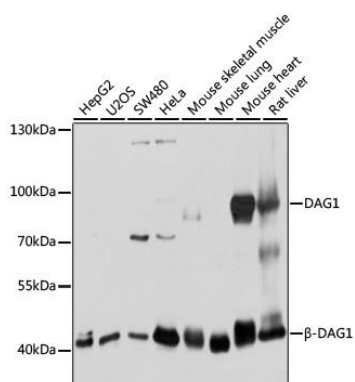
Immunogen:

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

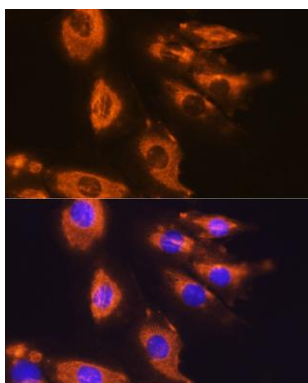
Storage:

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

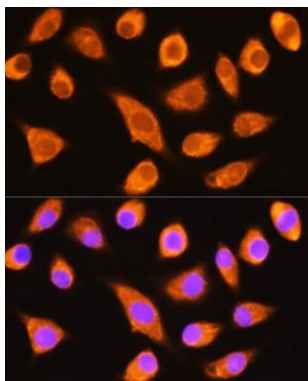
Product Images



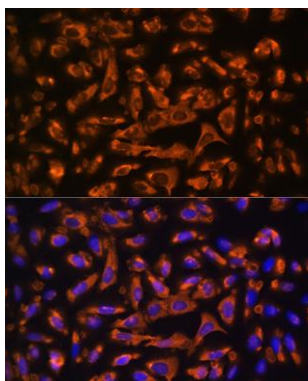
Western blot analysis of extracts of various cell lines, using DAG1 antibody (CAB10076) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunofluorescence analysis of H9C2 cells using DAG1 Rabbit pAb (CAB10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using DAG1 Rabbit pAb (CAB10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DAG1 Rabbit pAb (CAB10076) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.