

Anti-alpha Sarcoglycan Rabbit pAb

Purified Rabbit Polyclonal Antibody

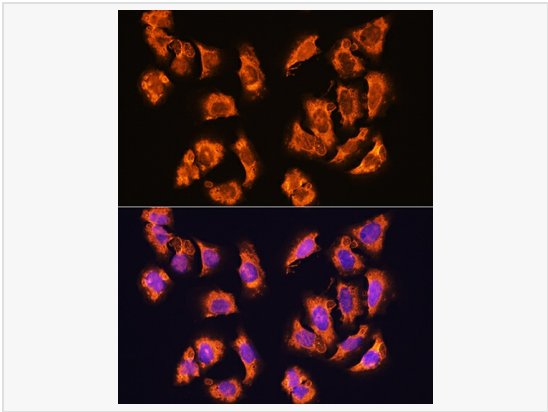
Catalog # P105849

Product Information

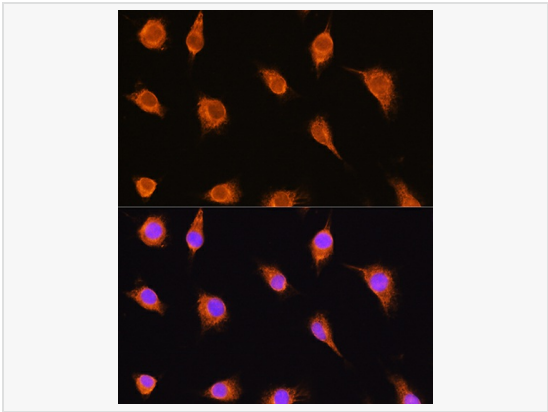
Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-290 of human alpha Sarcoglycan (alpha Sarcoglycan (SGCA)) (NP_000014.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-alpha Sarcoglycan Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

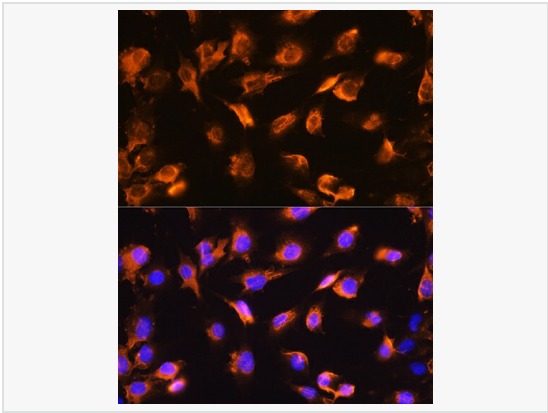
Synonyms	ADL; DAG2; 50DAG; DMDA2; LGMD2D; LGMDR3; SCARMD1; adhalin; alpha Sarcoglycan (SGCA).
Calculated MW	Calculated MW: 43 kDa; Observed MW: 43 kDa
Uniprot ID	Q16586
Gene ID	6442
Background	This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.



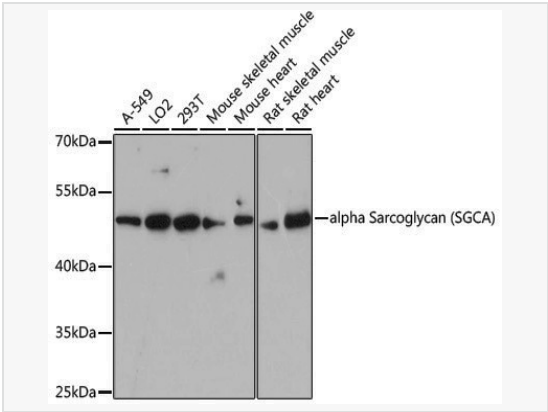
Immunofluorescence analysis of U2OS cells using alpha Sarcoglycan (SGCA) Rabbit pAb (P105849) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using alpha Sarcoglycan (SGCA) Rabbit pAb (P105849) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using alpha Sarcoglycan (SGCA) Rabbit pAb (P105849) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using alpha Sarcoglycan (SGCA) Rabbit pAb (P105849) at 1:3,000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Kit. Exposure time: 90s.