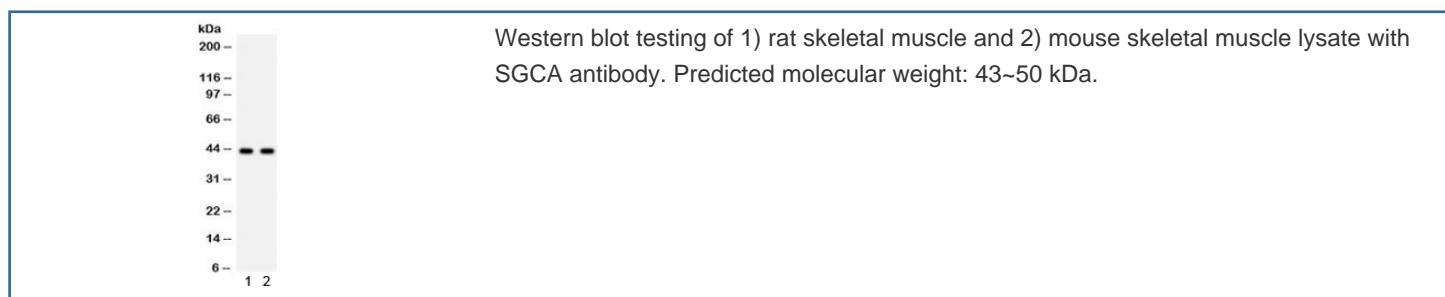


SGCA Antibody (R32245)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| R32245 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse, Rat |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity |
| Buffer | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| UniProt | Q16586 |
| Applications | Western Blot : 0.1-0.5ug/ml |
| Limitations | This SGCA antibody is available for research use only. |



Description

Alpha-sarcoglycan, or Dystroglycan 2, is a protein that in humans is encoded by the SGCA gene. 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.

Application Notes

Optimal dilution of the SGCA antibody should be determined by the researcher.

Immunogen

Amino acids 24-387 of human SGCA were used as the immunogen for the SGCA antibody.

Storage

After reconstitution, the SGCA antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.