

Alpha-sarcoglycan Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51510**Specification**

Alpha-sarcoglycan Antibody - Product Information

Application	WB
Primary Accession	Q16586
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50 KDa
Antigen Region	151 - 210

Alpha-sarcoglycan Antibody - Additional Information**Gene ID** 6442**Other Names**

Alpha-sarcoglycan, Alpha-SG, 50 kDa dystrophin-associated glycoprotein, 50DAG, Adhalin, Dystroglycan-2, SGCA, ADL, DAG2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Alpha-sarcoglycan. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Alpha-sarcoglycan Antibody - Protein Information**Name** SGCA**Synonyms** ADL, DAG2**Function**

Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix.

Cellular Location

Cell membrane, sarcolemma; Single-pass type I membrane protein. Cytoplasm, cytoskeleton

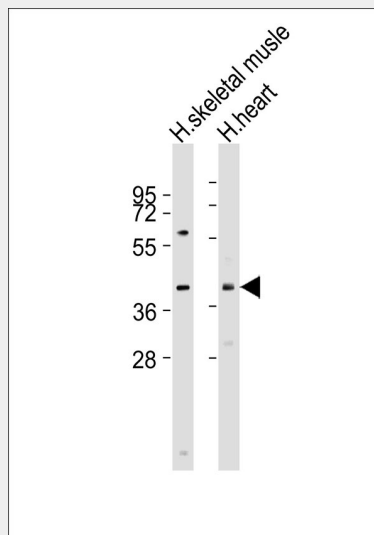
Tissue Location

Most strongly expressed in skeletal muscle. Also expressed in cardiac muscle and, at much lower levels, in lung. In the fetus, most abundant in cardiac muscle and, at lower levels, in lung. Also detected in liver and kidney. Not expressed in brain

Alpha-sarcoglycan Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Alpha-sarcoglycan Antibody - Images

All lanes : Anti-Alpha-sarcoglycan Antibody at 1:1000 dilution Lane 1: human skeletal muscle lysates Lane 2: human heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Alpha-sarcoglycan Antibody - Background

Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix.

Alpha-sarcoglycan Antibody - References

- Roberds S.L., et al. Cell 78:625-633(1994).
McNally E., et al. Proc. Natl. Acad. Sci. U.S.A. 91:9690-9694(1994).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:1045-1049(2006).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

