

Alpha-sarcoglycan Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51510

Product Information

Application	WB
Primary Accession	Q16586
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42875

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

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

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.

References

Roberds S.L.,et al.Cell 78:625-633(1994).

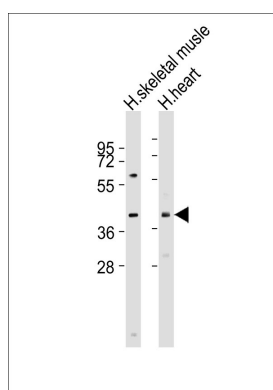
McNally E.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:9690-9694(1994).

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.