

Delta-Sarcoglycan (aa245-257) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3478a**Specification**

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Product Information

Application	WB, IHC
Primary Accession	O92629
Other Accession	NP_000328.2 , NP_758447.1 , NP_001121681.1 , 6444 , 24052 (mouse) , 497892 (rat)
Reactivity	Human, Rat
Predicted	Mouse, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	32071

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Additional Information**Gene ID** 6444**Other Names**

Delta-sarcoglycan, Delta-SG, 35 kDa dystrophin-associated glycoprotein, 35DAG, SGCD

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Delta-Sarcoglycan (aa245-257) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Protein Information**Name** SGCD**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 II membrane protein. Cytoplasm, cytoskeleton

Tissue Location

Most strongly expressed in skeletal and cardiac muscle. Also detected in smooth muscle. Weak expression in brain and lung

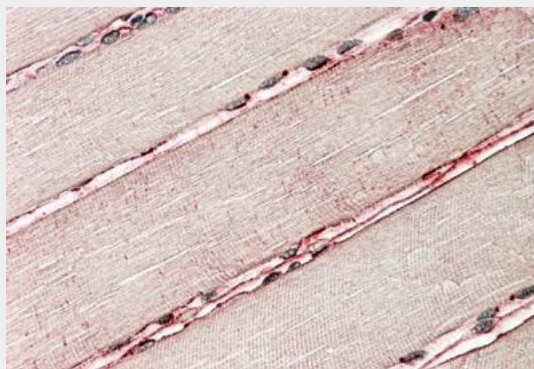
Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Protocols

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](#)

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Images

AF3478a (0.1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3478a (3.8 µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - Background

This antibody is expected to recognize isoform 1 (NP_000328.2) and isoform 3 (NP_001121681.1).

Delta-Sarcoglycan (aa245-257) Antibody (internal region) - References

Expression of the dystrophin-glycoprotein complex is a marker for human airway smooth muscle phenotype maturation. Sharma P, Tran T, Stelmack GL, McNeill K, Gosens R, Mutawe MM, Unruh H, Gerthoffer WT, Halayko AJ, American journal of physiology. Lung cellular and molecular physiology 2008 Jan 294 (1): L57-68. PMID: 17993586