

SGCB antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12393**Specification**

SGCB antibody - middle region - Product Information

Application	WB
Primary Accession	Q16585
Other Accession	NM_000232 , NP_000223
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa KDa

SGCB antibody - middle region - Additional Information**Gene ID** 6443**Alias Symbol** A3b, LGMD2E, SGC**Other Names**

Beta-sarcoglycan, Beta-SG, 43 kDa dystrophin-associated glycoprotein, 43DAG, A3b, SGCB

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SGCB antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SGCB antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SGCB antibody - middle region - Protein Information**Name** SGCB**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

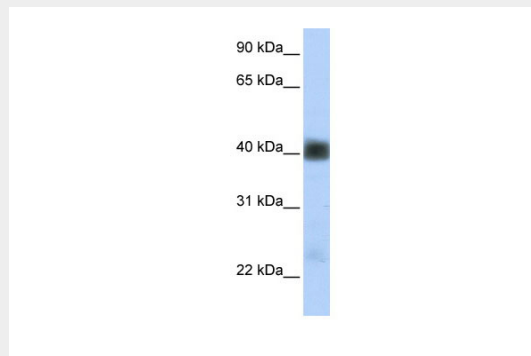
Highest expression in heart and skeletal muscle. Low expression in brain, kidney, placenta, pancreas and lung. High expression in fetal brain. Also found in fetal lung, kidney and liver

SGCB antibody - middle 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](#)

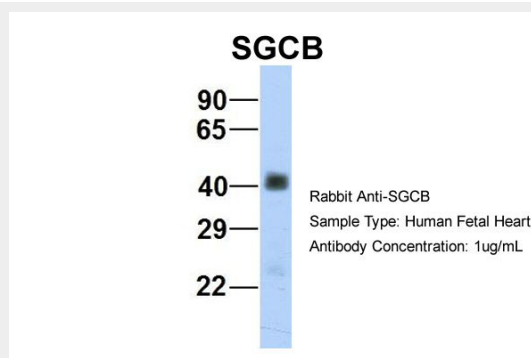
SGCB antibody - middle region - Images



WB Suggested Anti-SGCB Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human heart



Host: Rabbit

Target Name: SGCB

Sample Tissue: Human Fetal Heart

Antibody Dilution: 1.0µg/ml

SGCB antibody - middle region - References

Draviam, R.A., (2006) Muscle Nerve 34(6), 691-701 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.