SGCD RABBIT PAB

Cat.#: S218601

Product Name: Anti-SGCD Rabbit Polyclonal Antibody

Synonyms: SGD; DAGD; 35DAG; CMD1L; SGCDP; SG-delta

UNIPROT ID: Q92629 (Gene Accession - BC020740)

Background: The protein encoded by this gene is one of the four known components of the sarcoglycan comple,x which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.

Immunogen: Fusion protein of human SGCD

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

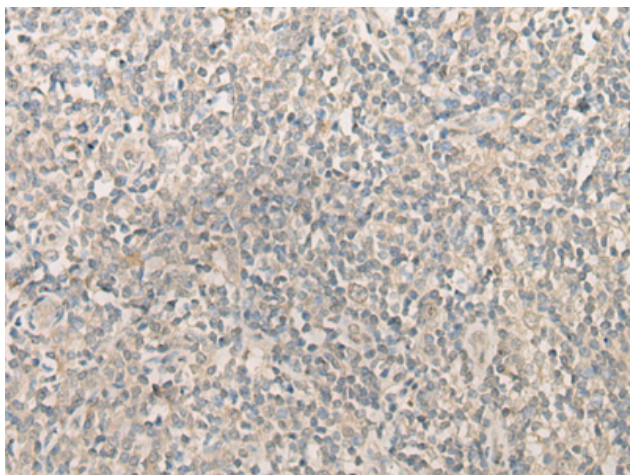**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

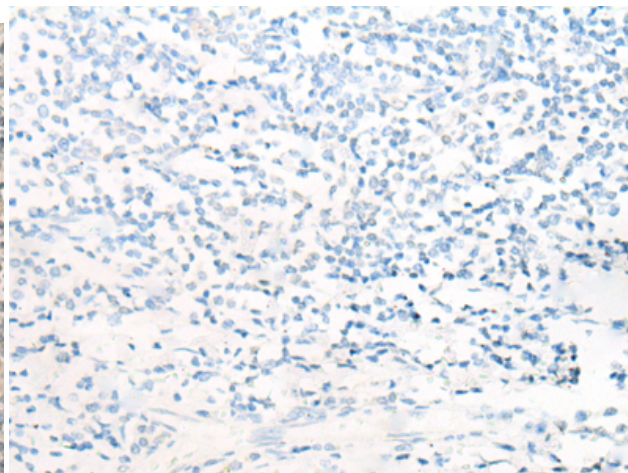**Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

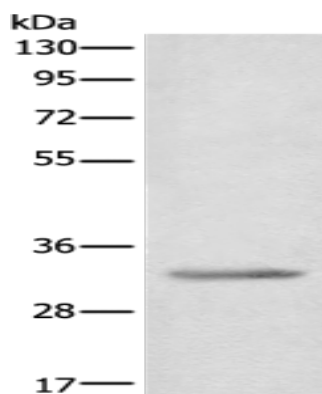**Research Areas:** Signal Transduction, Developmental Biology

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218601(SGCD Antibody) at a dilution of 1/20(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218601(Anti-SGCD Antibody) at dilution 1/20.

Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Jurkat cell lysate;
Primary antibody: 218601(SGCD Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 3 seconds