

## SGCE

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 50kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human SGCE

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ESG; DYT11;

**Catalog #:** A5330

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 8910

**Isotype:** IgG

**Swiss Prot:** O43556

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes the epsilon member of the sarcoglycan family. Sarcoglycans are transmembrane proteins that are components of the dystrophin-glycoprotein complex, which link the actin cytoskeleton to the extracellular matrix. Unlike other family members which are predominantly expressed in striated muscle, the epsilon sarcoglycan is more broadly expressed. Mutations in this gene are associated with myoclonus-dystonia syndrome. This gene is imprinted, with preferential expression from the paternal allele. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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