

# Sarcoglycan Alpha Polyclonal Antibody

## Description

Product type	Primary Antibody
Code	BT-AP08131
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SGCA. AA range:161-210
Mol wt	42875
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	l mg/ml
Full name	Sarcoglycan alpha Antibody
Synonyms	SGCA; ADL; DAG2; Alpha-sarcoglycan; Alpha-SG; 50 kDa dystrophin-associated glycoprotein; 50DAG; Adhalin; Dystroglycan-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

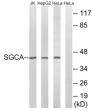
### Background

SGCA (sarcoglycan alpha) encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to striated muscle. Mutations in SGCA result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for SGCA.

## **Recommended Dilution**

WB: 1: 500 - 1: 2000 ELISA: 1: 40000 Not yet tested in other applications.

#### Images



Western blot analysis of lysates from HeLa, HepG2, and Jurkat cells, using SGCA Antibody. The lane on the right is blocked with the synthesized peptide.

#### Storage

-20°C for one year

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