

**Syntrophin gamma 1 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2394a****Specification**

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**Syntrophin gamma 1 Antibody (C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">O9NSN8</a>
Other Accession	<a href="#">NP_061840.1</a> , <a href="#">54212</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	57969

**Syntrophin gamma 1 Antibody (C-Term) - Additional Information****Gene ID** 54212**Other Names**

Gamma-1-syntrophin, G1SYN, Syntrophin-4, SYN4, SNTG1

**Dilution**

E~~N/A

**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**

Syntrophin gamma 1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Syntrophin gamma 1 Antibody (C-Term) - Protein Information****Name** SNTG1**Function**

Adapter protein that binds to and probably organizes the subcellular localization of a variety of proteins. May link various receptors to the actin cytoskeleton and the dystrophin glycoprotein complex (By similarity). May participate in regulating the subcellular location of diacylglycerol kinase-zeta to ensure that diacylglycerol is rapidly inactivated following receptor activation.

**Cellular Location**

Cytoplasm, cytoskeleton. Nucleus. Note=Mainly cytoplasmic and weakly nuclear

**Tissue Location**

Brain specific. In CNS, it is expressed in the perikaryon and proximal portion of the neuronal processes. Strong expression in the hippocampus, neuron-rich dentate granule cells, and pyramidal cell layers. Highly expressed in neurons of the cerebral cortex. Also expressed in the cerebellar cortex, deep cerebellar nuclei, thalamus, and basal ganglia. No expression in muscle cells

**Syntrophin gamma 1 Antibody (C-Term) - 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](#)

**Syntrophin gamma 1 Antibody (C-Term) - Images****Syntrophin gamma 1 Antibody (C-Term) - References**

Gamma1- and gamma2-syntrophins, two novel dystrophin-binding proteins localized in neuronal cells. Piluso G, Mirabella M, Ricci E, Belsito A, Abbondanza C, Servidei S, Puca AA, Tonali P, Puca GA, Nigro V. J Biol Chem. 2000 May 26;275(21):15851-60. PMID: 10747910