

Product datasheet for **CF502224**

SNTG1 Mouse Monoclonal Antibody [Clone ID: OTI3G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G10
Applications:	IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SNTG1 (NP_061840) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57.8 kDa
Gene Name:	syntrophin gamma 1
Database Link:	NP_061840 Entrez Gene 71096 Mouse Entrez Gene 500394 Rat Entrez Gene 54212 Human Q9NSN8



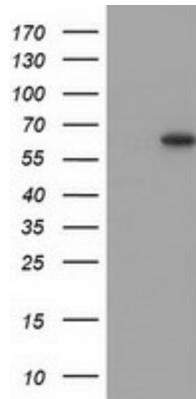
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Background:

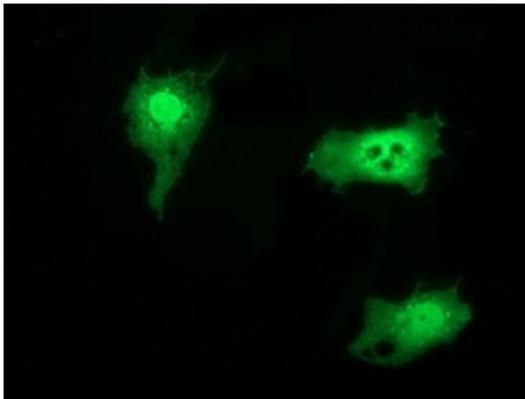
The protein encoded by this gene is a member of the syntrophin family. Syntrophins are cytoplasmic peripheral membrane proteins that typically contain 2 pleckstrin homology (PH) domains, a PDZ domain that bisects the first PH domain, and a C-terminal domain that mediates dystrophin binding. This gene is specifically expressed in the brain. Transcript variants for this gene have been described, but their full-length nature has not been determined. [provided by RefSeq]

Synonyms:

G1SYN; SYN4

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SNTG1 (Cat# [RC211170], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SNTG1 (Cat# [TA502224]). Positive lysates [LY412854] (100ug) and [LC412854] (20ug) can be purchased separately from OriGene.



Anti-SNTG1 mouse monoclonal antibody ([TA502224]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SNTG1 ([RC211170]).