



## Anti-SNTA1 (aa 191-206) polyclonal antibody (DPABH-27272)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Adapter protein that binds to and probably organizes the subcellular localization of a variety of membrane proteins. May link various receptors to the actin cytoskeleton and the extracellular matrix via the dystrophin glycoprotein complex. Plays an important role in synapse formation and in the organization of UTRN and acetylcholine receptors at the neuromuscular synapse. Binds to phosphatidylinositol 4,5-biphosphate.
<b>Specificity</b>	This antibody recognizes alpha 1 syntrophin (60 kDa) but does not react with beta 1 and beta 2 syntrophins.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to amino acids 191-206 of Mouse Syntrophin alpha 1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat
<b>Purification</b>	IgG fraction
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr, ICC/IF, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Constituents: 0.01M PBS, pH 7.4
<b>Preservative</b>	15mM Sodium Azide

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<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SNTA1 syntrophin, acidic 2 [ <i>Mus musculus</i> ]</a>
<b>Official Symbol</b>	SNTA1
<b>Synonyms</b>	SNTA1; syntrophin, acidic 1; Snt1; AW228934; alpha-1-syntrophin; syntrophin-1; alpha1-syntrophin; 59 kDa dystrophin-associated protein A1 acidic component 1;
<b>Entrez Gene ID</b>	<a href="#">20648</a>
<b>Protein Refseq</b>	<a href="#">NP_033254.2</a>
<b>UniProt ID</b>	<a href="#">A2AKD7</a>
<b>Pathway</b>	XPodNet - protein-protein interactions in the podocyte expanded by STRING;
<b>Function</b>	ATPase binding; PDZ domain binding; actin binding; calmodulin binding

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