

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505)
Rabbit Polyclonal Antibody
Catalog # ALS16918**Specification**

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Product Information

Application	IHC, ICC, WB
Primary Accession	Q13424
Other Accession	6640
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53895

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Additional Information**Gene ID** 6640**Other Names**

SNTA1, Acidic alpha 1 syntrophin, DJ1187J4.5, Alpha-1-syntrophin, SNT1, Syntrophin Alpha 1, Syntrophin, alpha 1, Syntrophin-1, LQT12, TACIP1

Target/Specificity

Human SNTA1 / Syntrophin Alpha 1

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 20% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) is for research use only and not for use in diagnostic or therapeutic procedures.

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Protein Information**Name** SNTA1**Synonyms** SNT1**Function**

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-bisphosphate (By similarity).

Cellular Location

Cell membrane, sarcolemma; Peripheral membrane protein; Cytoplasmic side. Cell junction.

Cytoplasm, cytoskeleton. Note=In skeletal muscle, it localizes at the cytoplasmic side of the sarcolemmal membrane and at neuromuscular junctions

Tissue Location

High expression in skeletal muscle and heart. Low expression in brain, pancreas, liver, kidney and lung. Not detected in placenta

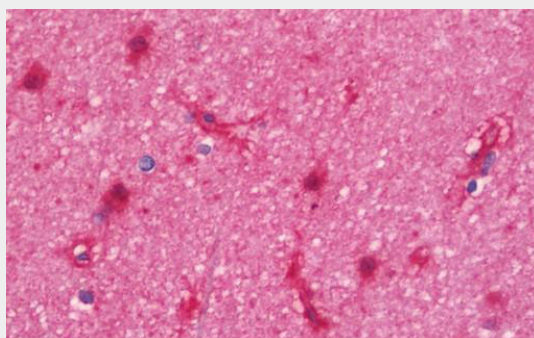
Volume

50 µl

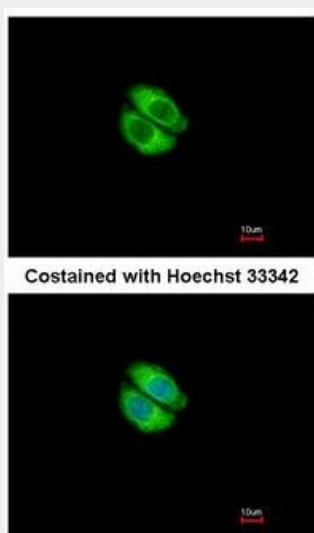
SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Protocols

Provided below are standard protocols that you may find useful for product applications.

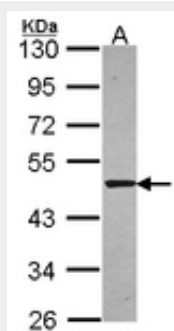
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Images

Anti-SNTA1 / Syntrophin Alpha 1 antibody IHC staining of human brain, cortex.



Immunofluorescence of methanol-fixed A549 using Syntrophin alpha 1 antibody at 1:500 dilution.



Sample (30 ug of whole cell lysate).

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - Background

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- bisphosphate (By similarity).

SNTA1 / Syntrophin Alpha 1 Antibody (aa191-505) - References

- Ahn A.H.,et al.J. Biol. Chem. 271:2724-2730(1996).
- Castello A.,et al.FEBS Lett. 383:124-128(1996).
- Hasegawa M.,et al.J. Biol. Chem. 274:12626-12631(1999).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Deloukas P.,et al.Nature 414:865-871(2001).