

Syntrophin alpha 1 Rabbit pAb

db5640

Package : 20µL 50µL 100µL

Product Name : Syntrophin alpha 1 Rabbit pAb**Cat.No.:** db5640**Synonyms** : SNT1; LQT12; TACIP1; dJ1187J4.5**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

Syntrophins are cytoplasmic peripheral membrane scaffold proteins that are components of the dystrophin-associated protein complex. This gene is a member of the syntrophin gene family and encodes the most common syntrophin isoform found in cardiac tissues. The N-terminal PDZ domain of this syntrophin protein interacts with the C-terminus of the pore-forming alpha subunit (SCN5A) of the cardiac sodium channel Nav1.5. This protein also associates cardiac sodium channels with the nitric oxide synthase-PMCA4b (plasma membrane Ca-ATPase subtype 4b) complex in cardiomyocytes. This gene is a susceptibility locus for Long-QT syndrome (LQT) - an inherited disorder associated with sudden cardiac death from arrhythmia - and sudden infant death syndrome (SIDS). This protein also associates with dystrophin and dystrophin-related proteins at the neuromuscular junction and alters intracellular calcium ion levels in muscle tissue. [provided by RefSeq, Jan 2013]

Immunogen

A synthetic peptide of human Syntrophin alpha 1

Gene ID

6640

Swiss Prot

Q13424

Synonyms

SNT1; LQT12; TACIP1; dJ1187J4.5

Reactivity

Human, Mouse

Application

WB, IHC, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:50

ICC/IF: 1:50

FC: 1:50

Calculated MW

54 kDa

Observed MW

54 kDa

Host species

Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.