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anti-SNTA1 antibody (Intracellular, PH1 Domain)

3 Images



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Overview	
Quantity:	25 μL
Target:	SNTA1
Binding Specificity:	AA 191-205, Intracellular, PH1 Domain
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNTA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)
Product Details	
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RQPSSPGPQPRNLSE, corresponding to amino acid residues 191- 205 of mouse alpha1-syntrophin
Isotype:	IgG
Characteristics:	Anti-alpha1-Syntrophin (SNTA1) Antibody is directed against an epitope of mouse syntrophin alpha 1. Anti-α1-Syntrophin (SNTA1) Antibody (ABIN7043797, ABIN7045164 and ABIN7045165)) can be used in western blot and immunohistochemistry applications. It has been designed to recognize syntrophin alpha 1 from mouse, rat and human samples.
Purification:	Affinity purified on immobilized antigen.

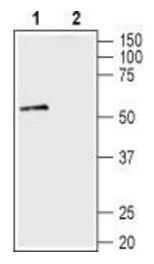
Target Details

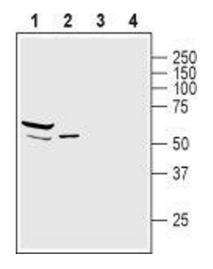
Target:	SNTA1	
Alternative Name:	alpha1-Syntrophin (SNTA1) (SNTA1 Products)	
Background:	Alternative names: alpha1-Syntrophin (SNTA1), Syntrophin alpha 1, Syntrophin-1, 59 kDa dystrophin-associated protein A1 acidic component 1	
Gene ID:	20648	
NCBI Accession:	NM_003098	
UniProt:	Q61234	
Pathways:	Synaptic Membrane, Skeletal Muscle Fiber Development	
Application Details		
Application Details		

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).





Western Blotting

Image 1. Western blot analysis of mouse brain lysate: - 1. Anti- α 1-Syntrophin (SNTA1) Antibody (ABIN7043797, ABIN7045164 and ABIN7045165), (1:200).2. Anti- α 1-Syntrophin (SNTA1) Antibody, preincubated with α 1-Syntrophin/SNTA1 Blocking Peptide (#BLP-PZ021).

Immunohistochemistry

Image 2. Expression of Syntrophin alpha 1 in mouse neocortex - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections using Anti-α1-Syntrophin (SNTA1) Antibody (ABIN7043797, ABIN7045164 and ABIN7045165), (1:400), followed by anti-rabbit-AlexaFluor-488 antibody (green). Syntrophin alpha 1 staining (green) appears in blood vessels (horizontal arrows) and in the pia mater (vertical arrows). Nuclei are stained with DAPI (blue).

Western Blotting

Image 3. Western blot analysis of mouse heart lysate (lanes 1 and 3) and rat skeletal muscle membranes (lanes 2 and 4):

- 1,2. Anti-α1-Syntrophin (SNTA1)

Antibody (ABIN7043797, ABIN7045164 and ABIN7045165),
(1:400).3,4. Anti-α1-Syntrophin (SNTA1) Antibody,
preincubated with α1-Syntrophin/SNTA1 Blocking Peptide
(#BLP-PZ021).