.-online.com antibodies

Datasheet for ABIN2776347 anti-SCN5A antibody (C-Term)

2 Images

4 Publications



Overview

Quantity:	100 μL
Target:	SCN5A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SCN5A
Sequence:	FTKRVLGESG EMDALKIQME EKFMAANPSK ISYEPITTTL RRKHEEVSAM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SCN5A. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	SCN5A

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2776347 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details		
Alternative Name:	SCN5A (SCN5A Products)	
Background:	SCN5A is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium	
	channel subunit. The protein is found primarily in cardiac muscle and is responsible for the	
	initial upstroke of the action potential in an electrocardiogram. The protein encoded by this gene	
	is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel	
	subunit. The encoded protein is found primarily in cardiac muscle and is responsible for the	
	initial upstroke of the action potential in an electrocardiogram. Defects in this gene are a cause	
	of long QT syndrome type 3 (LQT3), an autosomal dominant cardiac disease. Alternative	
	splicing results in two transcript variants encoding separate isoforms which differ by a single	
	amino acid. Mutation nomenclature has been assigned with respect to the longer isoform.	
	Alias Symbols: CDCD2, CMD1E, CMPD2, HB1, HB2, HH1, IVF, LQT3, Nav1.5, SSS1, VF1, HBBD,	
	ICCD, PFHB1	
	Protein Interaction Partner: CALM1, CAV3, ALB, Nedd4, WWP2, UBC, SNTG2, NEDD4L, DLG2,	
	INADL, DLG4, RGS3, SNTA1, DLG1, RGS2, SCN5A, SNTB2, SNTB1, DLG3, CBL,	
	Protein Size: 2015	
Molecular Weight:	222 kDa	
Gene ID:	6331	
NCBI Accession:	NM_000335, NP_000326	
UniProt:	Q8IZC9	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 2015 AA	
Restrictions:	For Research Use only	

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide

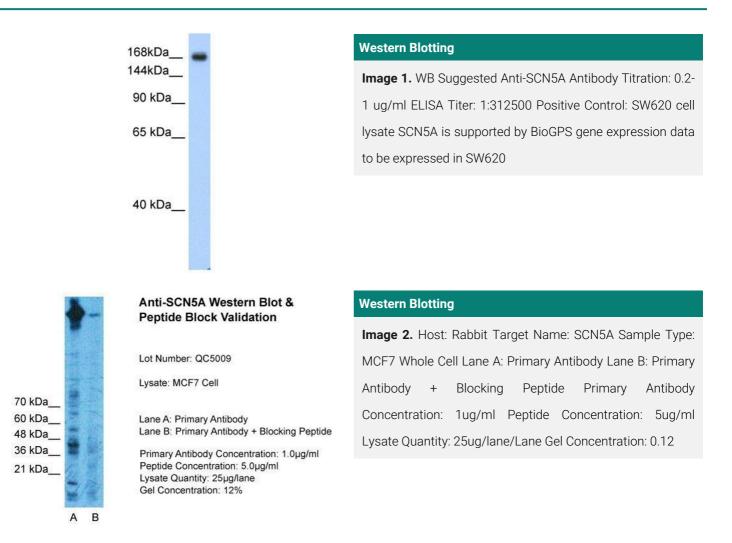
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2776347 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	

Product cited in:Takeshita, Ichikawa, Nitta, Goyama, Asai, Ogawa, Chiba, Kurokawa: "AML1-Evi-1 specifically
transforms hematopoietic stem cells through fusion of the entire Evi-1 sequence to AML1." in:
Leukemia, Vol. 22, Issue 6, pp. 1241-9, (2008) (PubMed).

Images



Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2776347 | 09/11/2023 | Copyright antibodies-online. All rights reserved.