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Datasheet for ABIN2780215 anti-SCN3B antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	SCN3B
Binding Specificity:	N-Term
Reactivity:	Rat, Human, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SCN3B
Sequence:	RPEGGKDFLI YEYRNGHQEV ESPFQGRLQW NGSKDLQDVS ITVLNVTLND
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SCN3B. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	SCN3B
Alternative Name:	SCN3B (SCN3B Products)

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Target Details

Background:	SCN3B is one member of the sodium channel beta subunits of voltage-gated sodium channels,
	which are responsible for the generation and propagation of action potentials in neurons and
	muscle. SCN3B influences the inactivation kinetics of the sodium channel.
	Alias Symbols: HSA243396, SCNB3
	Protein Interaction Partner: NFASC,
	Protein Size: 215
Molecular Weight:	24 kDa
Gene ID:	55800
NCBI Accession:	NM_018400, NP_060870
UniProt:	Q9NY72

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 215 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
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.

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Hayashi, Gekka, Goto-Omoto, Takeuchi, Kubo, Kitahara: "Novel NR2E3 mutations (R104Q, R334G) associated with a mild form of enhanced S-cone syndrome demonstrate compound heterozygosity." in: **Ophthalmology**, Vol. 112, Issue 12, pp. 2115, (2005) (PubMed).

Images

