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Datasheet for ABIN5587499

anti-SCN1A antibody (N-Term)

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1 Image

Overview

Quantity:	50 µg
Target:	SCN1A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Monkey, Pig, Rabbit, Chicken, Dog, Xenopus laevis, Hamster, Gorilla
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCN1A antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of SCN1A.
Immunogen:	A synthetic peptide corresponding to 16 amino acids at N-terminus of human SCN1A.
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SCN2A (100 %), SCN3A (94 %).
Cross-Reactivity:	Chicken, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Xenopus laevis
Cross-Reactivity (Details):	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SCN2A (100 %), SCN3A (94 %).

Target Details

Target:	SCN1A

Target Details

Alternative Name:	SCN1A (SCN1A Products)
Background:	Full Gene Name: sodium channel, voltage-gated, type I, alpha subunit Synonyms: FEB3,GEFSP2,HBSCI,NAC1,Nav1.1,SCN1,SMEI
Gene ID:	6323

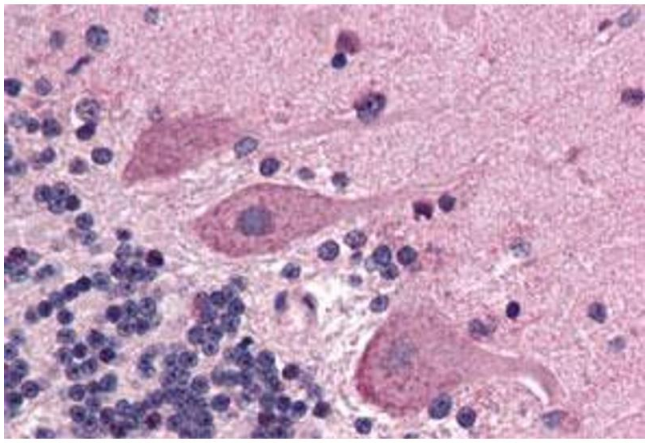
Application Details

Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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:	4 °C,-80 °C
Storage Comment:	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. Immunohistochemical staining of human brain, cerebellum with SCN1A polyclonal antibody . Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.