Datasheet for ABIN7191634

anti-NFASC antibody

1 Image

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Overview

Quantity:	100 µL
Target:	NFASC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFASC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of Human NFASC
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	NFASC
Alternative Name:	NFASC (NFASC Products)
Background:	Background: This gene encodes an L1 family immunoglobulin cell adhesion molecule with multiple IGcam and fibronectin domains. The protein functions in neurite outgrowth, neurite fasciculation, and organization of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. Both the AIS and nodes of Ranvier contain high densities of voltage-

Target Details

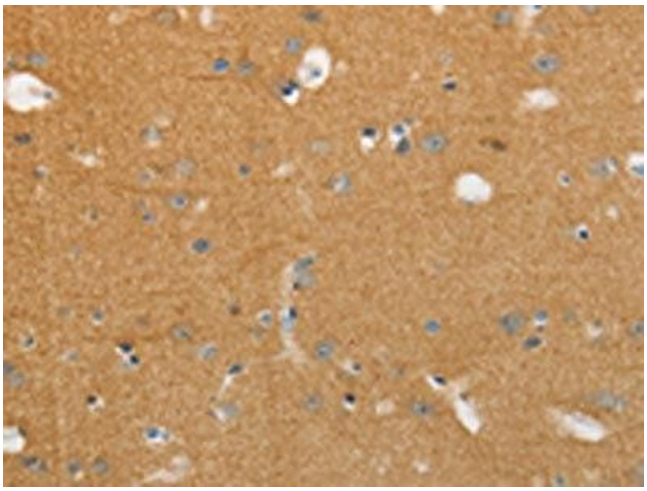
	gated Na+ (Nav) channels which are clustered by interactions with cytoskeletal and scaffolding proteins including this protein, gliomedin, ankyrin 3 (ankyrin-G), and betaIV spectrin. This protein links the AIS extracellular matrix to the intracellular cytoskeleton. This gene undergoes extensive alternative splicing, and the full-length nature of some variants has not been determined. Aliases: KIAA0756 antibody, Neurofascin antibody, Neurofascin homolog antibody, NF antibody, Nfasc antibody, NFASC_HUMAN antibody, NRCAML antibody
UniProt:	O94856
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	ELISA:1:2000-1:5000, IHC:1:50-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7191634(NFASC Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)