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Datasheet for ABIN6287303

anti-NAV1 antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	NAV1
Binding Specificity:	AA 510-590, Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAV1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Neuron navigator 1 is a protein encoded by the NAV1 gene which is approximately 202,4 kDa. Neuron navigator 1 is localised to the cytoplasm. It is involved in axon guidance. It contains coiled-coil domains and a conserved AAA domain characteristic for ATPases associated with a variety of cellular activities. It is thought to play a role in neuronal development and regeneration. Neuron navigator 1 is expressed at high levels in heart, skeletal muscle and placenta. Mutations in the NAV1 gene may result in congenital myotonia. STJ94434 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Neuron Navigator 1 protein.
Immunogen:	Synthesized peptide derived from human Neuron Navigator 1
Isotype:	IgG

Product Details

Specificity:	Neuron Navigator 1 Polyclonal Antibody detects endogenous levels of Neuron Navigator 1 protein.
Characteristics:	Rabbit polyclonal to Neuron Navigator 1.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	NAV1
Alternative Name:	Neuron Navigator 1 (NAV1 Products)
Molecular Weight:	200 kDa
Gene ID:	89796
UniProt:	Q8NEY1

Application Details

Application Notes:	IHC 1:100-1:300 ELISA 1:40000
Comment:	Broadly expressed at low levels. Expressed at high levels in heart, skeletal muscle and placenta.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.