



Neuron Navigator 1 rabbit pAb

Cat No.:ES7917

For research use only

Overview

Product Name	Neuron Navigator 1 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from Neuron Navigator 1 . at AA range: 510-590
Specificity	Neuron Navigator 1 Polyclonal Antibody detects endogenous levels of Neuron Navigator 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Neuron navigator 1
Gene Name	NAV1
Cellular localization	Cytoplasm, cytoskeleton . Associates with a subset of microtubule plus ends. Enriched in neuronal growth cones (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	200kD
Human Gene ID	89796
Human Swiss-Prot Number	Q8NEY1
Alternative Names	NAV1; KIAA1151; KIAA1213; POMFIL3; STEERIN1; Neuron navigator 1; Pore membrane and/or filament-interacting-like protein 3; Steerin-1; Unc-53 homolog 1; unc53H1
Background	This gene belongs to the neuron navigator family and is expressed predominantly in the nervous system. The encoded protein contains coiled-coil





domains and a conserved AAA domain characteristic for ATPases associated with a variety of cellular activities. This gene is similar to unc-53, a *Caenorhabditis elegans* gene involved in axon guidance. The exact function of this gene is not known, but it is thought to play a role in neuronal development and regeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2009],

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

