



NAV3 Polyclonal Antibody

Catalog No	YP-Ab-05842
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF
Gene Name	NAV3 KIAA0938 POMFIL1 STEERIN3
Immunogen	Synthesized peptide derived from human protein . at AA range: 430-510
Specificity	NAV3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NAV3;NAV3 KIAA0938 POMFIL1 STEERIN3;Neuron navigator 3 (Pore membrane and/or filament-interacting-like protein 1) (Steerin-3) (Unc-53 homolog 3) (unc53H3)
Observed Band	262kD
Calculated Molecular Weight	262kD
Cell Pathway	Nucleus outer membrane .
Tissue Specificity	Highly expressed in brain. Expressed at low levels in heart and placenta. Present in activated T-cells but not in resting T-cells (at protein level). Down-regulated in primary neuroblastoma.
Function	developmental stage:Expressed in fetal brain.,disease:Defects in NAV3 may be a cause of mycosis fungoides [MIM:254400]; a malignant T-cell lymphoma of the skin.,disease:Defects in NAV3 may be a cause of Sezary syndrome, a malignant T-cell lymphoma of the skin.,function:May regulate IL2 production by T-cells. May be involved in neuron regeneration.,similarity:Belongs to the Nav/unc-53 family.,similarity:Contains 1 CH (calponin-homology) domain.,tissue specificity:Highly expressed in brain. Expressed at low levels in heart and placenta. Present in activated T-cells but not in resting T-cells (at protein level). Down-regulated in primary neuroblastoma.,



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. Multiple alternatively spliced transcript variants for this gene have been described but only one has had its full-length nature determined. [provided by RefSeq, Jul 2008],

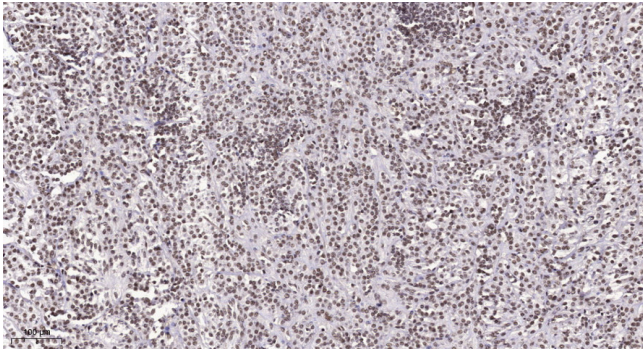
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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