

Product Name: NAV3 Rabbit Polyclonal Antibody
Catalog #: APRab14418



Summary

Production Name	NAV3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NAV3 KIAA0938 POMFIL1 STEERIN3
Alternative Names	
Gene ID	89795.0
SwissProt ID	Q8IVL0.Synthesized peptide derived from human protein . at AA range: 430-510

Application

Dilution Ratio	IHC 1:50-300
Molecular Weight	262kD

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

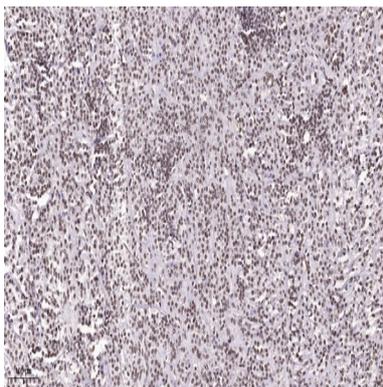
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cellular activities. This gene is similar to unc-53, a *Caenorhabditis elegans* gene involved in axon guidance. Multiple alternatively spliced transcript variants for this gene have been described but only one has had its full-length nature determined. [provided by RefSeq, Jul 2008],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.,

Research Area

Image Data



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) .

Note

For research use only.