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| Product name: | NAV3 Rabbit Polyclonal Antibody |
| Cat number: | ABN14418 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Polyclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | Synthesized peptide derived from human protein . at AA range: 430-510 |
| Reactivity: | Human,Rat,Mouse |
| Applications: | IHC 1:50-1:300,ICC/IF 1:50-1:200 |
| Molecular Weight: | 262kDa |
| Purification: | Affinity purification |
| Form: | Liquid |
| Buffer: | Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | <p>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 <i>Caenorhabditis elegans</i> 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.,</p> |