Datasheet for ABIN7602615

anti-NAV3 antibody (AA 9-1417)

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Overview

Quantity:	100 µg
Target:	NAV3
Binding Specificity:	AA 9-1417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAV3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-NAV3 Antibody Picoband®
Immunogen:	E.coli-derived human NAV3 recombinant protein (Position: K9-D1417). Human NAV3 shares 91.9% amino acid (aa) sequence identity with mouse NAV3.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NAV3 Antibody Picoband® (ABIN7602615). Tested in WB, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NAV3
Alternative Name:	NAV3 (NAV3 Products)
Background:	Synonyms: NAV3, KIAA0938, POMFIL1, STEERIN3, Neuron navigator 3, Pore membrane and/or filament-interacting-like protein 1, Steerin-3, Unc-53 homolog 3, unc53H3 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.
Molecular Weight:	256 kDa
Gene ID:	89795

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL 1. Coy, J. F., Wiemann, S., Bechmann, I., Bachner, D., Nitsch, R., Kretz, O., Christiansen, H., Poustka, A. Pore membrane and/or filament interacting like protein 1 (POMFIL1) is predominantly expressed in the nervous system and encodes different protein isoforms. Gene 290: 73-94, 2002. 2. Maes, T., Barcelo, A., Buesa, C. Neuron navigator: a human gene family with homology to unc-53, a cell guidance gene from Caenorhabditis elegans. Genomics 80: 21-30, 2002. 3. Nagase, T., Ishikawa, K., Suyama, M., Kikuno, R., Hirosawa, M., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. XIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 6: 63-70, 1999.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.