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Datasheet for ABIN5007443

anti-NETO2 antibody (AA 151-250) (Alexa Fluor 680)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | NETO2 |
| Binding Specificity: | AA 151-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NETO2 antibody is conjugated to Alexa Fluor 680 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human NETO2 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | NETO2 |
| Alternative Name: | NETO2 (NETO2 Products) |
| Background: | Synonyms: Brain specific transmembrane protein, Brain specific transmembrane protein |

Target Details

containing 2 CUB and 1 LDL receptor class A domains protein 2, Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 2, BTCL2, FLJ10430, FLJ14724, FLJ90456, NEOT2, NETO 2, Neto2, NETO2_HUMAN, Neuropilin NRP and tolloid TLL like 2, Neuropilin and tolloid like protein 2, Neuropilin and tolloid-like protein 2.

Background: NETO2 is a 525 amino acid single-pass type I membrane protein that contains two CUB domains and one LDL-receptor class A domain. Expressed as multiple alternatively spliced isoforms, NETO2 is thought to play a role in the development and maintenance of neuronal circuitry, possibly playing a role in proper brain function. The gene encoding NETO2 maps to human chromosome 16, which is associated with a variety of genetic disorders, encodes over 900 genes and comprises nearly 3 % of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months