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Datasheet for ABIN5011222

anti-SYN2 antibody (AA 251-350) (Alexa Fluor 750)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | SYN2 |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SYN2 antibody is conjugated to Alexa Fluor 750 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

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

Target Details

| | |
|-------------------|--|
| Target: | SYN2 |
| Alternative Name: | Synapsin 2 (SYN2 Products) |

Target Details

Background: Synonyms: SYN 2, SYN II, SYN IIa, SYN IIb, SYN2, Synapsin 2, Synapsin II isoform IIa, Synapsin II isoform IIb, Synapsin2, SynapsinII, SYNII, SYNIIa, SYNIIb, SYN2_HUMAN.

Background: Synapsin II is a member of the synapsin gene family. Synapsins are neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family is a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal.

Gene ID: 6854

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