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Datasheet for ABIN1397432

anti-STXBP3 antibody (AA 165-260) (Alexa Fluor 647)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | STXBP3 |
| Binding Specificity: | AA 165-260 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This STXBP3 antibody is conjugated to Alexa Fluor 647 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human Unc18-3 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Pig,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | STXBP3 |
| Alternative Name: | Unc18-3 (STXBP3 Products) |
| Background: | Synonyms: Munc 18 3, Munc18 3, Munc 18-3, Protein unc-18 homolog 3, STXB3_HUMAN. |

Target Details

Background: May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.

Gene ID: 6814

Pathways: [Hormone Transport](#)

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