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Datasheet for ABIN1388802

anti-CRIPT antibody (AA 21-80) (Alexa Fluor 647)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | CRIPT |
| Binding Specificity: | AA 21-80 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CRIPT antibody is conjugated to Alexa Fluor 647 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

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

Target Details

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|-------------------|---|
| Target: | CRIPT |
| Alternative Name: | CRIPT (CRIPT Products) |
| Background: | Synonyms: CRIPT, CRIPT_HUMAN, Cysteine rich interactor of PDZ3, Cysteine rich PDZ binding |

Target Details

protein, Cysteine-rich interactor of PDZ three, Cysteine-rich interactor of PDZ3, Cysteine-rich PDZ-binding protein, HSPC139, HSPC139 protein, Hypothetical protein CRIPT, Postsynaptic protein CRIPT.

Background: The PSD-95/SAP 90 family of proteins, which are known to bind to and cluster various membrane proteins, are involved in the organization of synaptic structure. These proteins are physically and functionally linked to cytoskeletal and/or signaling proteins. CRIPT (for cysteine-rich interactor of PDZ three), a novel postsynaptic protein, binds specifically to the PDZ3 domain of PSD-95/SAP 90. CRIPT induces the recruitment of PSD-95/SAP 90 to microtubules, and it has been shown to bind directly to microtubules, indicating that it may be responsible for cytoskeletal anchoring of PSD-95/SAP 90. CRIPT is widely expressed outside of the brain and is highly conserved from animals to plants suggesting a wider role in regulating cytoskeleton-membrane associations.

Application Details

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| 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

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|--------------------|--|
| 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 |