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Datasheet for ABIN1392833

anti-SH3GL3 antibody (AA 121-220) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | SH3GL3 |
| Binding Specificity: | AA 121-220 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SH3GL3 antibody is conjugated to Alexa Fluor 555 |
| Application: | 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 SH3GL3 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Cow,Sheep,Pig,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | SH3GL3 |
| Alternative Name: | SH3GL3 (SH3GL3 Products) |

Target Details

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| Background: | <p>Synonyms: Endophilin I-III, Endophilin-III, CNSA3, EEN 2B L3, EEN B2, EEN2BL3, EENB2, Endophilin 3, Endophilin A3, H.sapiens mRNA for protein containing SH3 domain, SH3GL3, HsT19371, SH3 domain containing GRB2 like protein 3, SH3 domain GRB2 like 3, SH3 domain protein 2C, SH3D2C, SH3P13, SH3G3_HUMAN.</p> <p>Background: The endophilins comprise a family of three SH3 domain-containing proteins designated Endophilin I, II and III, or alternatively known as SH3P4, SH3P8 and SH3P13, respectively. These proteins associate with Amphiphysin, Synaptojanin and Dynamin and are implicated in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the endophilins are consistent with their cellular functions at the neuronal synapse, as Endophilin I is expressed only in the brain. Both Endophilin II and Endophilin III are detected in a variety of tissues. Endophilin I is also implicated in modulating G protein-coupled receptor signaling by functioning as an adapter protein and directing 1 adrenergic receptors to the endocytic machinery.</p> |
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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 |