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Datasheet for ABIN1408547
anti-APBA1 antibody (AA 451-550) (Cy5.5)

Overview

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| Quantity: | 100 µL |
| Target: | APBA1 |
| Binding Specificity: | AA 451-550 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This APBA1 antibody is conjugated to Cy5.5 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human APBA1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Chicken |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | APBA1 |
| Alternative Name: | APBA1 (APBA1 Products) |

Target Details

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| Background: | <p>Synonyms: Adapter protein X11 alpha; Adapter protein X11alpha; Amyloid beta A4 precursor protein-binding family A member 1; Apba1; APBA1_HUMAN; Mint 1; Mint-1; Neuron specic X11 protein; Neuron-specific X11 protein; Neuronal Munc18 1 interacting protein 1; Neuronal Munc18-1-interacting protein 1; UROP11; x11; X11alpha.</p> <p>Background: The Beta-Amyloid precursor protein (Beta-APP) is a major constituent of the amyloid deposits in patients with Alzheimer?s disease. The Beta-Amyloid precursor is known to interact with several proteins, including X11 and the G heterotrimetric protein APP-BP1. The neuronal, transmembrane protein X11 is known to bind to the -Amyloid precursor protein via a phosphotyrosine binding (PTB) domain, reducing the secretion of cellular Beta-APP and slowing Beta-APP processing pathways. X11 binds specifically to the YENPTY motif, which is involved in the internalization of Beta-APP. Multiple splice varitents of X11 have been identified, including X11  (also designated Mint 1), X11Beta (Mint 2) and X11(Mint 3).</p> |
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| Pathways: | Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport |
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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 |
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| Restrictions: | For Research Use only |
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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 |