



[Go to Product page](#)

Datasheet for ABIN669357
anti-ADRB1 antibody (AA 181-250) (Cy7)

Overview

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| Quantity: | 100 µL |
| Target: | ADRB1 |
| Binding Specificity: | AA 181-250 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADRB1 antibody is conjugated to Cy7 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ADRB1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Pig |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | ADRB1 |
| Alternative Name: | ADRB1 (ADRB1 Products) |

Target Details

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| Background: | Synonyms: RHR, B1AR, ADRB1R, BETA1AR, Beta-1 adrenergic receptor, Beta-1 adrenoreceptor, Beta-1 adrenoceptor, ADRB1 Background: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity. Mediates Ras activation through G(s)-alpha- and cAMP-mediated signaling. |
| Gene ID: | 153 |
| UniProt: | P08588 |
| Pathways: | cAMP Metabolic Process , Cellular Glucan Metabolic Process , Regulation of Muscle Cell Differentiation , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Brown Fat Cell Differentiation |

Application Details

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| Application Notes: | FCM 1:20-100 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 |