

Anti-beta 3 Adrenergic Receptor/ADRB3 Antibody Picoband® Biotin Conjugated

Catalog Number: A02104-3-Biotin

About ADRB3

The beta-3 adrenergic receptor (beta3 adrenoreceptor), also known as ADRB3, is a beta-adrenergic receptor, and also denotes the human gene encoding it. It is mapped to 8p11.23. The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Obesity and bodyweight-related disorders are correlated with certain polymorphisms in three subtypes of beta-adrenoceptor, among them, the ADRB3 gene.

Overview

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| Product Name | Anti-beta 3 Adrenergic Receptor/ADRB3 Antibody Picoband® Biotin Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | WB, IHC, ELISA |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P13945 |

Technical Details

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| Immunogen | E.coli-derived human beta 3 Adrenergic Receptor/ADRB3 recombinant protein (Position: R179-S250). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users. |

Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.
ELISA, Optimal dilutions should be determined by end users.

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