

Datasheet for ABIN6942244

**anti-beta 2 Adrenergic Receptor antibody**[Go to Product page](#)

## Overview

|              |                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                         |
| Target:      | beta 2 Adrenergic Receptor (ADRB2)                                                                             |
| Reactivity:  | Human, Rat, Mouse, Zebrafish (Danio rerio)                                                                     |
| Host:        | Rabbit                                                                                                         |
| Clonality:   | Monoclonal                                                                                                     |
| Conjugate:   | This beta 2 Adrenergic Receptor antibody is un-conjugated                                                      |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Immunogen:        | Human beta 2 Adrenergic Receptor between 300 amino acids to C-terminus |
| Clone:            | 7C1                                                                    |
| Isotype:          | IgG                                                                    |
| Cross-Reactivity: | Human, Mouse, Rat, Zebrafish (Danio rerio)                             |
| Purification:     | Purified by Protein A.                                                 |

## Target Details

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Target:           | beta 2 Adrenergic Receptor (ADRB2)                                               |
| Alternative Name: | beta 2 Adrenergic Receptor ( <a href="#">ADRB2 Products</a> )                    |
| Background:       | Synonyms: Beta-2 adrenoreceptor, ADRB2, Beta-2 adrenergic receptor, ADRB2R, B2AR |

## Target Details

Background: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 3-fold greater affinity than it does norepinephrine.

Gene ID: 154

UniProt: [P07550](#)

Pathways: [cAMP Metabolic Process](#), [Synaptic Membrane](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Brown Fat Cell Differentiation](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC()

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months