

Datasheet for ABIN7441118

anti-beta 2 Adrenergic Receptor antibody (AA 330-418)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	beta 2 Adrenergic Receptor (ADRB2)
Binding Specificity:	AA 330-418
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Adrenergic Receptor Beta 2 (ADRB2)
Immunogen:	Recombinant Adrenergic Receptor Beta 2 (ADRB2) corresponding to Pro330~Leu418 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ADRb2. It has been selected for its ability to recognize ADRb2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	beta 2 Adrenergic Receptor (ADRB2)
---------	------------------------------------

Target Details

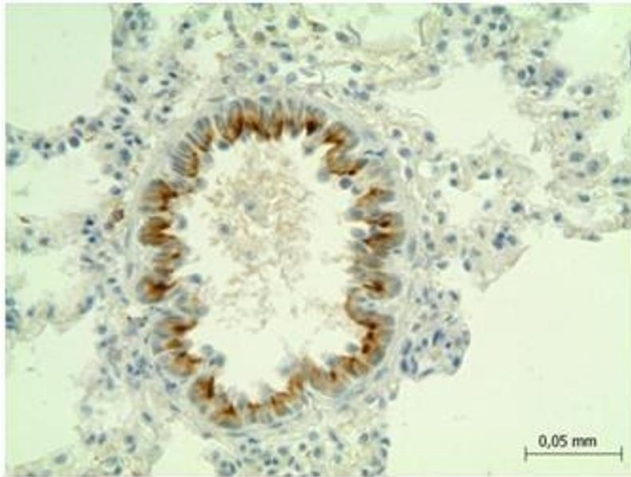
Alternative Name:	ADRB2 (ADRB2 Products)
Background:	B2AR, Beta-2 adrenoreceptor
UniProt:	P10608
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Brown Fat Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of ADRb2 in Rat Bronchus Tissue using Polyclonal Antibody to Adrenergic Receptor Beta 2 (ADRB2)