

Datasheet for ABIN669351  
**anti-ADRB1 antibody (AA 181-250)**

5 Images

2 Publications

[Go to Product page](#)

## Overview

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

## Product Details

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

Target:	ADRB1
---------	-------

## Target Details

Alternative Name:	ADRB1 ( <a href="#">ADRB1 Products</a> )
Background:	<p>Synonyms: RHR, B1AR, ADRB1R, BETA1AR, Beta-1 adrenergic receptor, Beta-1 adrenoreceptor, Beta-1 adrenoceptor, ADRB1</p> <p>Background: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylyate 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.</p>
Gene ID:	153
UniProt:	<a href="#">P08588</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Brown Fat Cell Differentiation</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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.

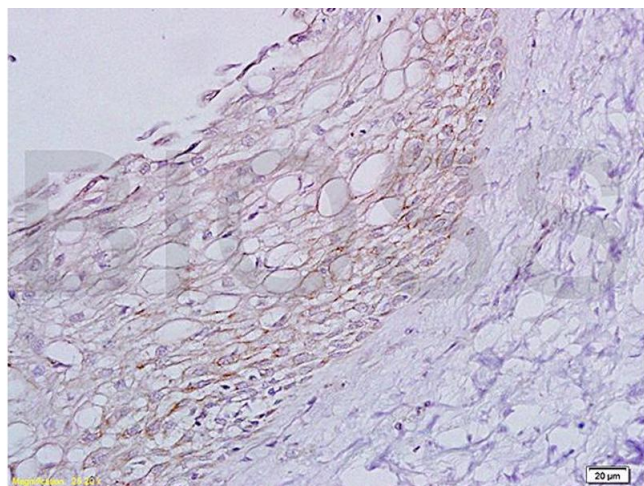
Expiry Date: 12 months

## Publications

Product cited in: Bornholz, Benninghaus, Reinke, Felix, Roggenbuck, Jahns-Boivin, Jahns, Boege: "A standardised FACS assay based on native, receptor transfected cells for the clinical diagnosis and monitoring of  $\beta$ 1-adrenergic receptor autoantibodies in human heart disease." in: **Clinical chemistry and laboratory medicine : CCLM / FESCC**, (2015) ([PubMed](#)).

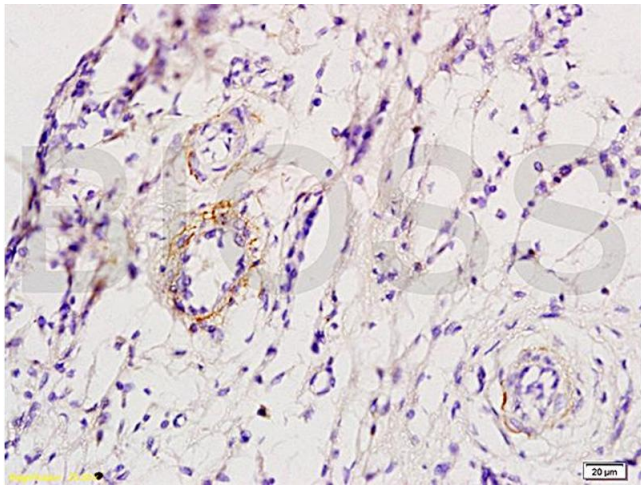
Deng, Liu, Zhang, Wang, Peng, Wei, Jiang: "Exogenous norepinephrine attenuates the efficacy of sunitinib in a mouse cancer model." in: **Journal of experimental & clinical cancer research : CR**, Vol. 33, pp. 21, (2014) ([PubMed](#)).

## Images



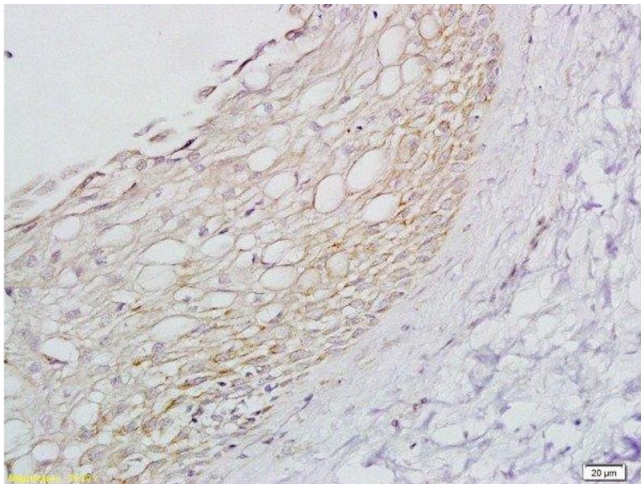
### Immunohistochemistry

**Image 1.** Formalin-fixed paraffin embedded rat ovary tissue labeled with Anti-ADRB1 Polyclonal Antibody, Unconjugated (ABIN669351) at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry

**Image 2.** Formalin-fixed and skin of rat foot tissue labeled with Anti-ADRB1 Polyclonal Antibody, Unconjugated (ABIN669351) at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed paraffin embedded rat ovary tissue labeled with Anti-ADRB1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN669351.