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Datasheet for ABIN4996153

anti-ADRB1 antibody (AA 181-250) (AbBy Fluor® 680)

Overview

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 AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

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
Alternative Name:	ADRB1 (ADRB1 Products)

Target Details

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 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.</p>
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

Application Notes:	<p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

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