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Datasheet for ABIN6282314 **anti-ADRB3 antibody (Internal Region)**

Overview

Quantity:	50 µL
Target:	ADRB3
Binding Specificity:	AA 220-300, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	AR-β3 is a protein encoded by the ADRB3 gene which is approximately 43,5 kDa. AR-β3 is localised to the cell membrane. It is involved in peptide ligand-binding receptors, activation of cAMP-dependent PKA, signalling by GPCR and DAG and IP3 signalling. It mediates catecholamine-induced activation of adenylate cyclase through the action of G proteins and is involved in the regulation of lipolysis and thermogenesis. AR-β3 is expressed mainly in adipose tissue. Mutations in the ADRB3 gene may be involved in diabetes mellitus and obesity. STJ91728 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of AR-β3 protein.
Immunogen:	Synthesized peptide derived from human AR-beta3
Isotype:	IgG
Specificity:	AR-β3 Polyclonal Antibody detects endogenous levels of AR-β3 protein.

Product Details

Characteristics:	Rabbit polyclonal to AR-β3.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ADRB3
Alternative Name:	AR-beta3 (ADRB3 Products)
Molecular Weight:	36 kDa
Gene ID:	155
UniProt:	P13945
Pathways:	cAMP Metabolic Process , Regulation of G-Protein Coupled Receptor Protein Signaling , Feeding Behaviour , Brown Fat Cell Differentiation

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:20000
Comment:	Expressed mainly in adipose tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.