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Datasheet for ABIN7156349
anti-INSIG1 antibody (AA 1-87) (Biotin)

Overview

Quantity:	100 µg
Target:	INSIG1
Binding Specificity:	AA 1-87
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSIG1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Insulin-induced gene 1 protein (1-87AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	INSIG1
Alternative Name:	INSIG1 (INSIG1 Products)
Background:	Background: Mediates feedback control of cholesterol synthesis by controlling SCAP and HMGCR. Functions by blocking the processing of sterol regulatory element-binding proteins

Target Details

(SREBPs). Capable of retaining the SCAP-SREBF2 complex in the ER thus preventing it from escorting SREBPs to the Golgi. Initiates the sterol-mediated ubiquitin-mediated endoplasmic reticulum-associated degradation (ERAD) of HMGCR via recruitment of the reductase to the ubiquitin ligase, AMFR/gp78. May play a role in growth and differentiation of tissues involved in metabolic control. May play a regulatory role during G0/G1 transition of cell growth.

Aliases: CL 6 antibody, CL6 antibody, INSI1_HUMAN antibody, INSIG 1 antibody, INSIG 1 membrane protein antibody, INSIG-1 antibody, insig1 antibody, INSIG1 membrane protein antibody, Insulin induced gene 1 antibody, Insulin induced gene 1 protein antibody, Insulin-induced gene 1 protein antibody, MGC1405 antibody

UniProt: [O15503](#)

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.