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Datasheet for ABIN902792

anti-INSIG2 antibody (AA 65-160) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	INSIG2
Binding Specificity:	AA 65-160
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSIG2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Insig2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	INSIG2
Alternative Name:	Insig2 (INSIG2 Products)

Target Details

Background:	<p>Synonyms: Hypothetical protein INSIG2, INSIG 2, INSIG-2, INSIG 2 membrane protein, INSIG2 membrane protein, Insulin induced gene 2, Insulin induced gene 2 protein, Insulin induced protein 2, MGC26273, INSI2_HUMAN.</p> <p>Background: Insig2 is highly similar to the protein product encoded by gene Insig1. Both Insig1 protein and Insig2 protein are endoplasmic reticulum proteins that block the processing of sterol regulatory element binding proteins (SREBPs) by binding to SREBP cleavage-activating protein (SCAP), and thus prevent SCAP from escorting SREBPs to the Golgi.</p>
Gene ID:	51141
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	<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