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Datasheet for ABIN719039  
**anti-INSIG2 antibody (AA 65-160) (Cy3)**

### Overview

Quantity:	100 µL
Target:	INSIG2
Binding Specificity:	AA 65-160
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSIG2 antibody is conjugated to Cy3
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 ( <a href="#">INSIG2 Products</a> )

## Target Details

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**Background:** 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.

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.

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**Gene ID:** 51141

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**Pathways:** [ER-Nucleus Signaling](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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