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Datasheet for ABIN7115275  
**anti-INSIG2 antibody**

### Overview

Quantity:	100 µg
Target:	INSIG2
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSIG2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	insulin induced gene 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	INSIG2
Alternative Name:	INSIG2 ( <a href="#">INSIG2 Products</a> )
Background:	Synonyms: Background:Mediates feedback control of cholesterol synthesis by controlling SCAP and HMGCR. Functions by blocking the processing of sterol regulatory element-binding proteins(SREBPs). Capable of retaining the SCAP-SREBF2 complex in the ER thus preventing it from escorting SREBPs to the Golgi. Seems to regulate the ubiquitin-mediated proteasomal

## Target Details

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degradation of HMGCR.

Molecular Weight: 30 kDa

Gene ID: 51141

UniProt: [Q9Y5U4](#)

Pathways: [ER-Nucleus Signaling](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months