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Datasheet for ABIN7147223  
**anti-CISD2 antibody (AA 61-135) (Biotin)**

### Overview

Quantity:	100 µg
Target:	CISD2
Binding Specificity:	AA 61-135
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISD2 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human CDGSH iron-sulfur domain-containing protein 2 protein (61-135AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	CISD2
Alternative Name:	CISD2 ( <a href="#">CISD2 Products</a> )
Background:	Background: Regulator of autophagy that contributes to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of BCL2 with BECN1

## Target Details

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and is required for BCL2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy. Contributes to BIK-initiated autophagy, while it is not involved in BIK-dependent activation of caspases. Involved in life span control, probably via its function as regulator of autophagy.

Aliases: 1500009M05Rik antibody, 1500026J14Rik antibody, 1500031D15Rik antibody, A1848398 antibody, B630006A20Rik antibody, CDGSH iron sulfur domain 2 antibody, CDGSH iron-sulfur domain-containing protein 2 antibody, CDGSH type domain 2 antibody, CISD2 antibody, CISD2\_HUMAN antibody, Endoplasmic reticulum intermembrane small protein antibody, ERIS antibody, Miner1 antibody, MitoNEET related 1 antibody, MitoNEET-related 1 protein antibody, NAF-1 antibody, Noxp70 antibody, Nutrient deprivation autophagy factor 1 antibody, Nutrient-deprivation autophagy factor-1 antibody, OTTHUMP00000219576 antibody, RGD1566242 antibody, WFS2 antibody, Zcd2 antibody, Zinc finger antibody, Zinc finger, CDGSH type domain 2 antibody

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UniProt: [Q8N5K1](#)

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Pathways: [Activation of Innate immune Response](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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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,-80 °C

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