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Datasheet for ABIN7147225
anti-CISD2 antibody (AA 61-135) (HRP)

Overview

Quantity:	100 µg
Target:	CISD2
Binding Specificity:	AA 61-135
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISD2 antibody is conjugated to HRP
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 (CISD2 Products)
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

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, AI848398 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

UniProt: [Q8N5K1](#)

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

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.