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anti-CISD2 antibody



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Quantity:	100 μg
Target:	CISD2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CISD2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	CDGSH iron sulfur domain 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CISD2
Alternative Name:	CISD2 (CISD2 Products)
Background:	Synonyms:CDGSH2, ERIS, ZCD2 Background:Regulator of autophagy that contributes to
	antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum. Participates in
	the interaction of BCL2 with BECN1 and is required for BCL2-mediated depression of

Target Details

	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.
Molecular Weight:	13-15 kDa
Gene ID:	493856
UniProt:	Q8N5K1
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

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