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(DANRE) cisd2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21176a

Product Information

Application	WB, E
Primary Accession	Q7T326
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51992
Calculated MW	15485

Additional Information

Gene ID	393354
Other Names	CDGSH iron-sulfur domain-containing protein 2, cisd2
Target/Specificity	This DANRE cisd2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 110-144 amino acids from the human region of DANRE cisd2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(DANRE) cisd2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	cisd2
Function	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 endoplasmic reticulum Ca(2+) stores during autophagy (By similarity).

Cellular Location	Endoplasmic reticulum membrane; Single-pass membrane protein. Mitochondrion outer membrane; Single-pass membrane protein

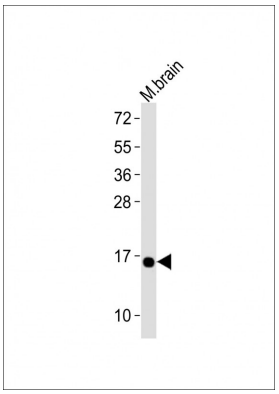
Background

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 endoplasmic reticulum Ca(2+) stores during autophagy (By similarity).

References

Song H.-D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:16240-16245(2004).
Howe K.,et al.Nature 496:498-503(2013).

Images



Anti-(DANRE) cisd2 Antibody (C-Term) at 1:2000 dilution + mouse brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 15 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.