

Mouse Anti-Porcine Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3 (CHCHD3) Monoclonal Antibody

Cat. No.: VD8N348

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for coiled-coil-helix-coiled-coil-helix domain containing 3. It is affinity purified by protein A. It can be applied to WB, IF and ELISA assays of coiled-coil-helix-coiled-coil-helix domain containing 3.

Specifications

Application	WB; IF; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G8N1
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3
Isotype	IgG2
Immunogen	Recombinant protein of coiled-coil-helix-coiled-coil-helix domain containing 3
Purification	Protein A Purified
Concentration	1000 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine coiled-coil-helix-coiled-coil-helix domain containing 3 (pCHCHD3) is a protein that belongs to the coiled-coil-helix-coiled-coil-helix (CHCH) domain family. This family is characterized by a unique structural motif that consists of coiled-coil regions flanking a central helix, which imparts specific functions in protein-protein interactions and cellular organization. pCHCHD3 plays a role in mitochondrial function, particularly in the maintenance of mitochondrial morphology and dynamics. It is involved in the regulation of mitochondrial fusion and fission, processes critical for the proper distribution of mitochondrial content within cells and the removal of damaged mitochondria through a process called mitophagy.

Target	Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3
Target Synonym	CHCHD3; FLJ20420
Gene ID	414383
UniProt ID	A0A286ZUS4

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

Reference

Darshi, Manjula, *et al.* "Targeting and import mechanism of coiled-coil helix coiled-coil helix domain-containing protein 3 (ChChd3) into the mitochondrial intermembrane space." *Journal of Biological Chemistry* 287.47 (2012): 39480-39491.

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