

Datasheet for ABIN7159926

**anti-CHCHD4 antibody (AA 1-142) (HRP)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CHCHD4
Binding Specificity:	AA 1-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHCHD4 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Mitochondrial intermembrane space import and assembly protein 40 protein (1-142AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CHCHD4
Alternative Name:	CHCHD4 ( <a href="#">CHCHD4 Products</a> )
Background:	Background: Functions as chaperone and catalyzes the formation of disulfide bonds in

## Target Details

substrate proteins, such as COX17. Required for the import and folding of small cysteine-containing proteins (small Tim) in the mitochondrial intermembrane space (IMS). Precursor proteins to be imported into the IMS are translocated in their reduced form into the mitochondria. The oxidized form of CHCHD4/MIA40 forms a transient intermolecular disulfide bridge with the reduced precursor protein, resulting in oxidation of the precursor protein that now contains an intramolecular disulfide bond and is able to undergo folding in the IMS. Reduced CHCHD4/MIA40 is then reoxidized by GFER/ERV1 via a disulfide relay system. Aliases: CHCHD4 antibody, MIA40 Mitochondrial intermembrane space import and assembly protein 40 antibody, Coiled-coil-helix-coiled-coil-helix domain-containing protein 4 antibody

UniProt: [Q8N4Q1](#)

## 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.