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Datasheet for ABIN7149137
anti-COA6 antibody (AA 1-125) (HRP)

Overview

Quantity:	100 µg
Target:	COA6
Binding Specificity:	AA 1-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COA6 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cytochrome c oxidase assembly factor 6 homolog protein (1-125AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	COA6
Alternative Name:	COA6 (COA6 Products)
Background:	Background: Involved in the maturation of the mitochondrial respiratory chain complex IV subunit MT-CO2/COX2. Thereby, may regulate early steps of complex IV assembly.

Target Details

Mitochondrial respiratory chain complex IV or cytochrome c oxidase is the component of the respiratory chain that catalyzes the transfer of electrons from intermembrane space cytochrome c to molecular oxygen in the matrix and as a consequence contributes to the proton gradient involved in mitochondrial ATP synthesis. May also be required for efficient formation of respiratory supercomplexes comprised of complexes III and IV.

Aliases: COA6 antibody, C1orf31 Cytochrome c oxidase assembly factor 6 homolog antibody

UniProt: [Q5JTJ3](#)

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.