



[Go to Product page](#)

Datasheet for ABIN7149134  
**anti-COA6 antibody (AA 1-125)**

1 Image

Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | COA6                                |
| Binding Specificity: | AA 1-125                            |
| Reactivity:          | Human                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This COA6 antibody is un-conjugated |
| Application:         | ELISA, Immunohistochemistry (IHC)   |

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 ( <a href="#">COA6 Products</a> )  |
| 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: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

---

Format: Liquid

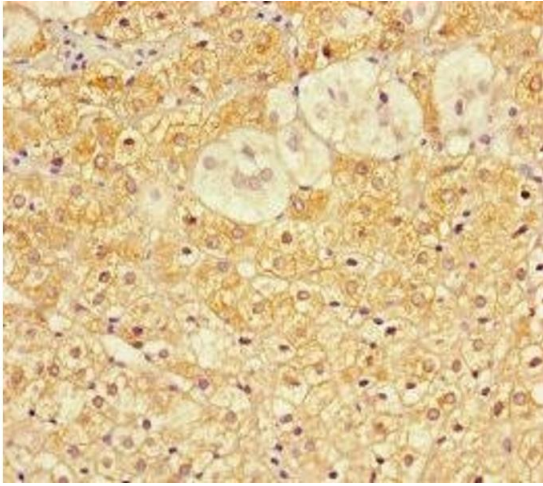
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7149134 at dilution of 1:100