

# CA031 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP10781b

### **Specification**

# CA031 Antibody (C-term) Blocking peptide - Product Information

Primary Accession

**05|T|3** 

# CA031 Antibody (C-term) Blocking peptide - Additional Information

**Gene ID 388753** 

#### **Other Names**

Cytochrome c oxidase assembly factor 6 homolog, COA6, C1orf31

### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

# **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### CA031 Antibody (C-term) Blocking peptide - Protein Information

Name COA6

Synonyms Clorf31

### **Function**

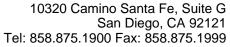
Involved in the maturation of the mitochondrial respiratory chain complex IV subunit MT-CO2/COX2. Thereby, may regulate early steps of complex IV assembly. Mitochondrial respiratory chain complex IV or cytochrome c oxidase is the component of the respiratory chain that catalyzes the transfer of electrons 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.

### **Cellular Location**

Mitochondrion intermembrane space

### CA031 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.





# • Blocking Peptides

CA031 Antibody (C-term) Blocking peptide - Images

CA031 Antibody (C-term) Blocking peptide - References

Gregory, S.G., et al. Nature 441(7091):315-321(2006)