

COQ9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP4890c**Specification**

COQ9 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O75208](#)**COQ9 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57017**Other Names**

Ubiquinone biosynthesis protein COQ9, mitochondrial, COQ9, C16orf49

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.

COQ9 Antibody (Center) Blocking Peptide - Protein Information**Name** COQ9**Synonyms** C16orf49**Function**

Lipid-binding protein involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration. Binds a phospholipid of at least 10 carbons in each acyl group. May be required to present its bound-lipid to COQ7.

Cellular Location

Mitochondrion {ECO:0000250|UniProtKB:Q8K1Z0}.

COQ9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

COQ9 Antibody (Center) Blocking Peptide - Images

COQ9 Antibody (Center) Blocking Peptide - Background

Coenzyme Q10 (CoQ10), or ubiquinone, is a mobile lipophilic electron carrier critical for electron transfer by the mitochondrial inner membrane respiratory chain. COQ9 is 1 of several enzymes involved in biosynthesis of CoQ10 and likely functions in modification of the benzoquinone ring.

COQ9 Antibody (Center) Blocking Peptide - References

Duncan, A.J., et al. Am. J. Hum. Genet. 84(5):558-566(2009)Loftus, B.J., et al. Genomics 60(3):295-308(1999)