

C2orf60 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10306c**Specification**

C2orf60 Antibody (Center) Blocking peptide - Product Information

Primary Accession [A2RUC4](#)
Other Accession [NP_001034782.1](#)

C2orf60 Antibody (Center) Blocking peptide - Additional Information

Gene ID 129450

Other Names

tRNA wybutosine-synthesizing protein 5, hTYW5, tRNA(Phe)
(7-(3-amino-3-carboxypropyl)wyosine(37)-C(2))-hydroxylase, TYW5, C2orf60

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.

C2orf60 Antibody (Center) Blocking peptide - Protein Information

Name TYW5

Synonyms C2orf60

Function

tRNA hydroxylase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA. Catalyzes the hydroxylation of 7-(a-amino-a-carboxypropyl)wyosine (yW-72) into undermodified hydroxywybutosine (OHyW*). OHyW* being further transformed into hydroxywybutosine (OHyW) by LCMT2/TYW4. OHyW is a derivative of wybutosine found in higher eukaryotes.

C2orf60 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C2orf60 Antibody (Center) Blocking peptide - Images

C2orf60 Antibody (Center) Blocking peptide - References

Brandenberger, R., et al. Nat. Biotechnol. 22(6):707-716(2004)