

FASTKD3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18144b**Specification**

FASTKD3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q14CZ7](#)**FASTKD3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79072**Other Names**

FAST kinase domain-containing protein 3, FASTKD3

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.

FASTKD3 Antibody (C-term) Blocking Peptide - Protein Information**Name** FASTKD3**Function**

Required for normal mitochondrial respiration (PubMed:20869947). Increases steady-state levels and half-lives of a subset of mature mitochondrial mRNAs MT-ND2, MT-ND3, MT-CYTB, MT-CO2, and MT-ATP8/6. Promotes MT-CO1 mRNA translation and increases mitochondrial complex IV assembly and activity (PubMed:27789713).

Cellular Location

Mitochondrion

Tissue Location

Expression detected in spleen, thymus, testis, ovary, colon, heart, smooth muscle, kidney, brain, lung, liver and white adipose tissue with highest expression in liver and thyroid

FASTKD3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FASTKD3 Antibody (C-term) Blocking Peptide - Images

FASTKD3 Antibody (C-term) Blocking Peptide - Background

The function of this protein remains unknown.

FASTKD3 Antibody (C-term) Blocking Peptide - References

Simarro, M., et al. Biochem. Biophys. Res. Commun. 401(3):440-446(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)