

**PTCD3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1967a****Specification**

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**PTCD3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q96EY7](#)**PTCD3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55037**Other Names**

Pentatricopeptide repeat domain-containing protein 3, mitochondrial, 28S ribosomal protein S39, mitochondrial, MRP-S39, Transformation-related gene 15 protein, TRG-15, PTCD3, MRPS39

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1967a](/product/products/AP1967a) was selected from the N-term region of human PTCD3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**PTCD3 Antibody (N-term) Blocking Peptide - Protein Information****Name** PTCD3**Synonyms** MRPS39**Function**

Mitochondrial RNA-binding protein that has a role in mitochondrial translation.

**Cellular Location**

Mitochondrion

**Tissue Location**

Abundant in testes, skeletal muscle and heart tissue.

**PTCD3 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PTCD3 Antibody (N-term) Blocking Peptide - Images****PTCD3 Antibody (N-term) Blocking Peptide - Background**

The pentatricopeptide repeat motif is a signature of RNA binding proteins.

**PTCD3 Antibody (N-term) Blocking Peptide - References**

Koc, EC, et al. Mitochondrion. 2003 Mar;2(4):277-91. Hillier, L.D., et al. Genome Res. 1996 6(9):807-828.