

**CNPY3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18622a****Specification**

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**CNPY3 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q9BT09](#)

**CNPY3 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 10695

**Other Names**

Protein canopy homolog 3, CTG repeat protein 4a, Expanded repeat-domain protein CAG/CTG 5, Protein associated with TLR4, Trinucleotide repeat-containing gene 5 protein, CNPY3, CTG4A, ERDA5, PRAT4A, TNRC5

**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.

**CNPY3 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** CNPY3

**Synonyms** CTG4A, ERDA5, PRAT4A, TNRC5

**Function**

Toll-like receptor (TLR)-specific co-chaperone for HSP90B1. Required for proper TLR folding, except that of TLR3, and hence controls TLR exit from the endoplasmic reticulum. Consequently, required for both innate and adaptive immune responses (By similarity).

**Cellular Location**

Endoplasmic reticulum.

**CNPY3 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CNPY3 Antibody (N-term) Blocking Peptide - Images****CNPY3 Antibody (N-term) Blocking Peptide - Background**

PRAT4A is associated with the immature form of TLR4 (MIM603030) and regulates its cell surface expression (Wakabayashi et al., 2006 [PubMed 16849487]).

**CNPY3 Antibody (N-term) Blocking Peptide - References**

Wakabayashi, Y., et al. J. Immunol. 177(3):1772-1779(2006)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)Margolis, R.L., et al. Hum. Genet. 100(1):114-122(1997)