

# CNPY3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18622a

#### **Product Information**

**Application** WB, E **Primary Accession Q9BT09** Other Accession NP 006577.2 Reactivity Human Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB30440 **Calculated MW** 30748 66-92 **Antigen Region** 

#### **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

Target/Specificity This CNPY3 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 66-92 amino acids from the N-terminal

region of human CNPY3.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** CNPY3 Antibody (N-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **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.

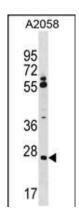
## **Background**

PRAT4A is associated with the immature form of TLR4 (MIM 603030) and regulates its cell surface expression (Wakabayashi et al., 2006 [PubMed 16849487]).

#### 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)

### **Images**



CNPY3 Antibody (N-term) (Cat. #AP18622a) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the CNPY3 antibody detected the CNPY3 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.