

**CAMKV Antibody (C-term K484) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7118b****Specification**

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**CAMKV Antibody (C-term K484) Blocking Peptide - Product Information**

Primary Accession [Q8NCB2](#)  
Other Accession [Q8WTT8](#)

**CAMKV Antibody (C-term K484) Blocking Peptide - Additional Information**

**Gene ID** 79012

**Other Names**

CaM kinase-like vesicle-associated protein, CAMKV

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7118b](/products/AP7118b) was selected from the C-term region of human CAMKV. 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.

**CAMKV Antibody (C-term K484) Blocking Peptide - Protein Information**

**Name** CAMKV

**Function**

Does not appear to have detectable kinase activity.

**Cellular Location**

Cell membrane; Peripheral membrane protein. Cytoplasmic vesicle membrane; Peripheral membrane protein. Note=Predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. May be associated with vesicular structures (By similarity).

**CAMKV Antibody (C-term K484) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CAMKV Antibody (C-term K484) Blocking Peptide - Images**

#### **CAMKV Antibody (C-term K484) Blocking Peptide - Background**

CAMKV is a serine/threonine protein kinase probably involved in the cytoplasm to vacuole transport (Cvt) and in autophagy, where it may be required for the formation of autophagosomes.

#### **CAMKV Antibody (C-term K484) Blocking Peptide - References**

Ballif, B.A., et al., Mol. Cell Proteomics 3(11):1093-1101 (2004). Godbout, M., et al., J. Neurosci. 14(1):1-13 (1994).