

# PPNK Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP7176b

# **Specification**

## PPNK Antibody (C-term) Blocking Peptide - Product Information

**Primary Accession** 

095544

## PPNK Antibody (C-term) Blocking Peptide - Additional Information

**Gene ID 65220** 

#### **Other Names**

NAD kinase, Poly(P)/ATP NAD kinase, NADK

## Target/Specificity

The synthetic peptide sequence used to generate the antibody <a href=/product/products/AP7176b>AP7176b</a> was selected from the C-term region of human PPNK. 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.

## PPNK Antibody (C-term) Blocking Peptide - Protein Information

## Name NADK

### **Tissue Location**

Widely expressed but not detected in skeletal muscle.

## PPNK Antibody (C-term) Blocking Peptide - Protocols

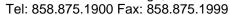
Provided below are standard protocols that you may find useful for product applications.

#### Blocking Peptides

PPNK Antibody (C-term) Blocking Peptide - Images

PPNK Antibody (C-term) Blocking Peptide - Background







NADP is essential for biosynthetic pathways, energy, and signal transduction. Its synthesis is catalyzed by NAD kinase, which phosphorylates NAD+ to form NADP+. The NAD kinase gene is expressed in most human tissues, but not in skeletal muscle. The catalytically active homotetramer is highly selective for its substrates, NAD and ATP.

# PPNK Antibody (C-term) Blocking Peptide - References

Lerner, F., et al., Biochem. Biophys. Res. Commun. 288(1):69-74 (2001).