

**NAT2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6993b****Specification**

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**NAT2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P11245](#)**NAT2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10**Other Names**

Arylamine N-acetyltransferase 2, Arylamide acetylase 2, N-acetyltransferase type 2, NAT-2, Polymorphic arylamine N-acetyltransferase, PNAT, NAT2, AAC2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6993b](/products/AP6993b) was selected from the C-term region of human NAT2. 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.

**NAT2 Antibody (C-term) Blocking Peptide - Protein Information****Name** NAT2**Synonyms** AAC2**Function**

Participates in the detoxification of a plethora of hydrazine and arylamine drugs. Catalyzes the N- or O-acetylation of various arylamine and heterocyclic amine substrates and is able to bioactivate several known carcinogens.

**Cellular Location**

Cytoplasm.

## **NAT2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **NAT2 Antibody (C-term) Blocking Peptide - Images**

## **NAT2 Antibody (C-term) Blocking Peptide - Background**

NAT2 is an enzyme that functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens.

## **NAT2 Antibody (C-term) Blocking Peptide - References**

Kim,S.H., et.al., Pharmacogenomics 10 (11), 1767-1779 (2009)