

**GSTA4 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8970a****Specification**

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**GSTA4 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O15217](#)**GSTA4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2941**Other Names**

Glutathione S-transferase A4, GST class-alpha member 4, Glutathione S-transferase A4-4, GSTA4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8970a](/products/AP8970a) was selected from the N-term region of human GSTA4. 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.

**GSTA4 Antibody (N-term) Blocking Peptide - Protein Information****Name** GSTA4**Function**

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This isozyme has a high catalytic efficiency with 4-hydroxyalkenals such as 4-hydroxynonenal (4-HNE).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Expressed at a high level in brain, placenta, and skeletal muscle and much lower in lung and liver

## **GSTA4 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **GSTA4 Antibody (N-term) Blocking Peptide - Images**

## **GSTA4 Antibody (N-term) Blocking Peptide - Background**

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## **GSTA4 Antibody (N-term) Blocking Peptide - References**

Bruns C.M.,et.al., J. Mol. Biol. 288:427-439(1999).