

**Mouse Gsta3 Antibody (C-term) Blocking Peptide**

Synthetic peptide

Catalog # BP19311b

**Specification**

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**Mouse Gsta3 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P30115](#)**Mouse Gsta3 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 14859

**Other Names**Glutathione S-transferase A3, GST class-alpha member 3, Glutathione S-transferase Ya3,  
Glutathione S-transferase Yc, Gsta3, Gstyc**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.

**Mouse Gsta3 Antibody (C-term) Blocking Peptide - Protein Information**

Name Gsta3 {ECO:0000312|MGI:MGI:95856}

Synonyms Gstyc

**Function**

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Catalyzes isomerization reactions that contribute to the biosynthesis of steroid hormones. Efficiently catalyze obligatory double-bond isomerizations of delta(5)-androstene-3,17-dione and delta(5)-pregnene-3,20-dione, precursors to testosterone and progesterone, respectively (By similarity). Has a high catalytic activity for aflatoxin B1-8,9 epoxide (PubMed:&lt;a href="http://www.uniprot.org/citations/1637297" target="\_blank"&gt;1637297&lt;/a&gt;).

**Cellular Location**

Cytoplasm.

**Mouse Gsta3 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **Mouse Gsta3 Antibody (C-term) Blocking Peptide - Images**

### **Mouse Gsta3 Antibody (C-term) Blocking Peptide - Background**

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This GST has a high catalytic activity for aflatoxin B1-8,9 epoxide.

### **Mouse Gsta3 Antibody (C-term) Blocking Peptide - References**

Ilic, Z., et al. Toxicol. Appl. Pharmacol. 242(3):241-246(2010)Caruana, G., et al. Gene Expr. Patterns 6(8):807-825(2006)Brown, A.C., et al. BMC Genet. 6, 12 (2005) :Wang, Y., et al. Cancer Res. 64(5):1647-1654(2004)Jowsey, I.R., et al. Biochem. Biophys. Res. Commun. 312(4):1226-1235(2003)