

Mouse Gsta3 Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP19311b

Specification

Mouse Gsta3 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:1637297).

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)