

Mouse Gsta3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19311b

Specification

Mouse Gsta3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P30115
Other Accession	NP_001070821.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25361
Antigen Region	183-211

Mouse Gsta3 Antibody (C-term) - 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

Target/Specificity

This Mouse Gsta3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-211 amino acids from the C-terminal region of mouse Gsta3.

Dilution

WB~~1:4000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Gsta3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Gsta3 Antibody (C-term) - 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

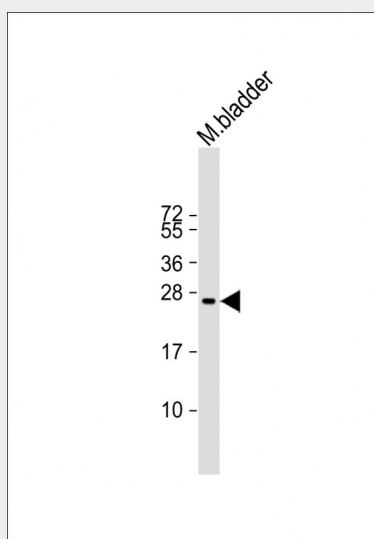
Cytoplasm.

Mouse Gsta3 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mouse Gsta3 Antibody (C-term) - Images



Anti-Mouse Gsta3 Antibody (C-term) at 1:4000 dilution + mouse bladder lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Mouse Gsta3 Antibody (C-term) - 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) - 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)