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Mouse Gsta3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19311b

Product Information

Application	WB, E
Primary Accession	P30115
Other Accession	NP_001070821.1
Reactivity	Mouse
Predicted	Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40186
Calculated MW	25361
Antigen Region	183-211

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~~1:1000 E~~Use at an assay dependent concentration.
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.

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.

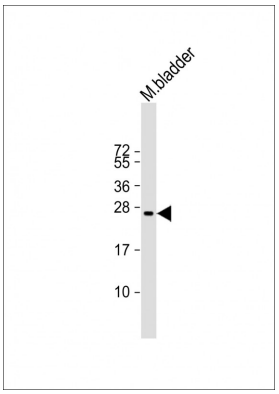
Background

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.

References

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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)
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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.