

GSTA3 Antibody (clone 1F11)
Mouse Monoclonal Antibody
Catalog # ALS13324**Specification**

GSTA3 Antibody (clone 1F11) - Product Information

Application	WB, IHC
Primary Accession	Q16772
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	25kDa kDa

GSTA3 Antibody (clone 1F11) - Additional Information**Gene ID** 2940**Other Names**

Glutathione S-transferase A3, 2.5.1.18, GST class-alpha member 3, Glutathione S-transferase A3-3, GSTA3

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

GSTA3 Antibody (clone 1F11) is for research use only and not for use in diagnostic or therapeutic procedures.

GSTA3 Antibody (clone 1F11) - Protein Information**Name** GSTA3 ([HGNC:4628](#))**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. Has substantial activity toward aflatoxin B1-8,9-epoxide (By similarity).

Cellular Location

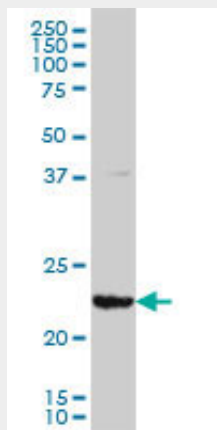
Cytoplasm.

GSTA3 Antibody (clone 1F11) - Protocols

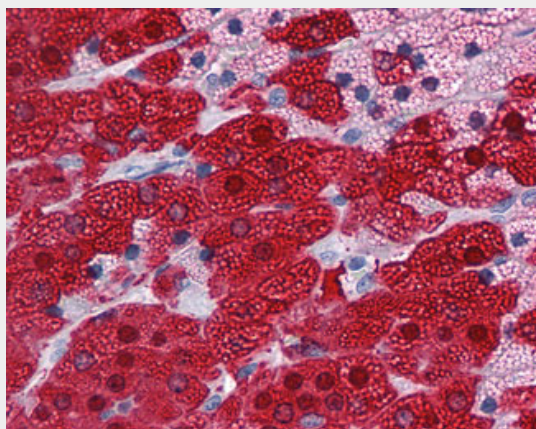
Provided below are standard protocols that you may find useful for product applications.

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

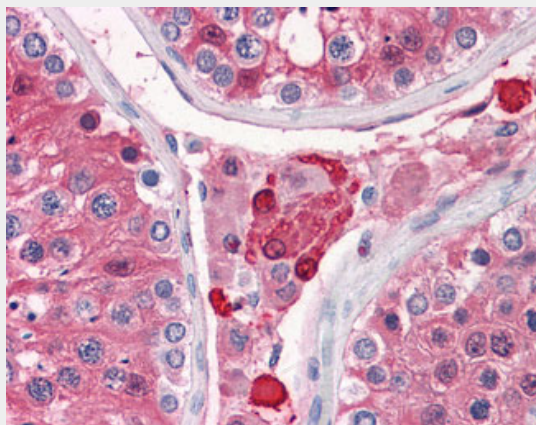
GSTA3 Antibody (clone 1F11) - Images



GSTA3 monoclonal antibody, clone 1F11 Western blot of GSTA3 expression in HepG2.



Anti-GSTA3 antibody IHC of human adrenal.



Anti-GSTA3 antibody IHC of human testis.

GSTA3 Antibody (clone 1F11) - Background

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.

GSTA3 Antibody (clone 1F11) - References

Suzuki T., et al. Genomics 18:680-686(1993).
Johansson A.-S., et al. J. Biol. Chem. 276:33061-33065(2001).
Mungall A.J., et al. Nature 425:805-811(2003).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Board P.G., et al. Biochem. J. 330:827-831(1998).