

GSTO2 Rabbit pAb

Catalog No.: A5774

Basic Information

Observed MW

25kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is an omega class glutathione S-transferase (GST). GSTs are involved in the metabolism of xenobiotics and carcinogens. Four transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

119391

Swiss Prot

Q9H4Y5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 124-243 of human GSTO2 (NP_899062.1).

Synonyms

GSTO 2-2; bA127L20.1; GSTO2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

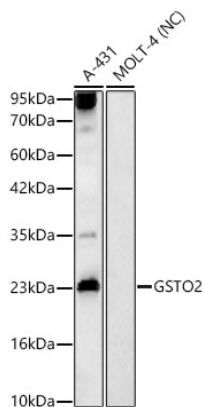
Affinity purification

Storage

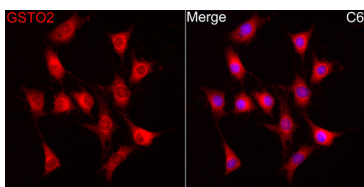
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

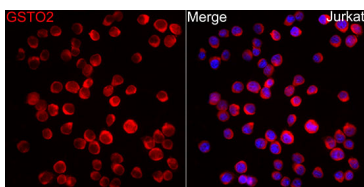
Validation Data



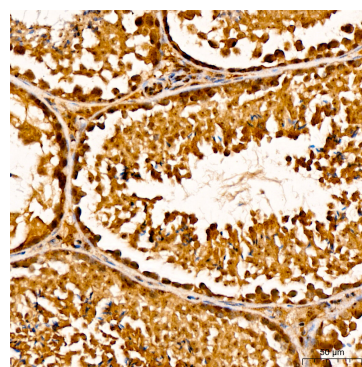
Western blot analysis of various lysates using GSTO2 Rabbit pAb (A5774) at 1:900 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control (NC): MOLT-4.
 Exposure time: 90s.



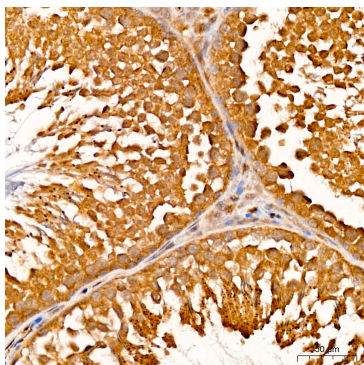
Immunofluorescence analysis of C6 cells using GSTO2 Rabbit pAb (A5774) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



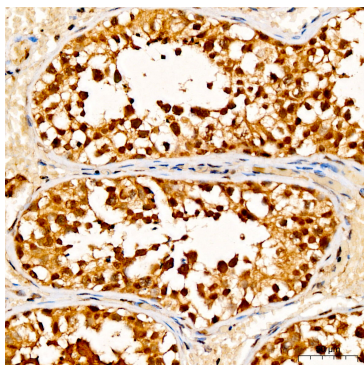
Immunofluorescence analysis of Jurkat cells using GSTO2 Rabbit pAb (A5774) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of GSTO2 in paraffin-embedded Mouse testis tissue using GSTO2 Rabbit pAb (A5774) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GSTO2 in paraffin-embedded Rat testis tissue using GSTO2 Rabbit pAb (A5774) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of GSTO2 in paraffin-embedded Human testis tissue using GSTO2 Rabbit pAb (A5774) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.