

GSTO2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5840c

Product Information

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|--------------------------|--|
| Application | WB, FC, IF, E |
| Primary Accession | Q9H4Y5 |
| Other Accession | Q8K2Q2 , NP_899062.1 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB21080 |
| Calculated MW | 28254 |
| Antigen Region | 82-110 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 119391 |
| Other Names | Glutathione S-transferase omega-2, GSTO-2, Glutathione S-transferase omega 2-2, GSTO 2-2, Glutathione-dependent dehydroascorbate reductase, Monomethylarsonic acid reductase, MMA(V) reductase, GSTO2 |
| Target/Specificity | This GSTO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the Central region of human GSTO2. |
| Dilution | WB~~1:1000 FC~~1:10~50 IF~~1:10~50 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 | GSTO2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

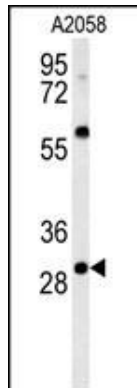
| | |
|-----------------|---|
| Name | GSTO2 |
| Function | Exhibits glutathione-dependent thiol transferase activity. Has high |

dehydroascorbate reductase activity and may contribute to the recycling of ascorbic acid. Participates in the biotransformation of inorganic arsenic and reduces monomethylarsonic acid (MMA).

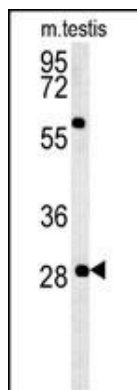
Tissue Location

Expressed in a range of tissues, including the liver, kidney, skeletal muscle and prostate. Strongest expression in the testis.

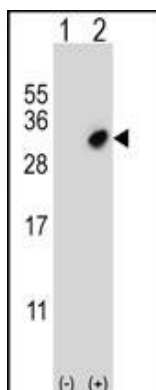
Images



GSTO2 Antibody (Center) (Cat. #AP5840c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the GSTO2 antibody detected the GSTO2 protein (arrow).

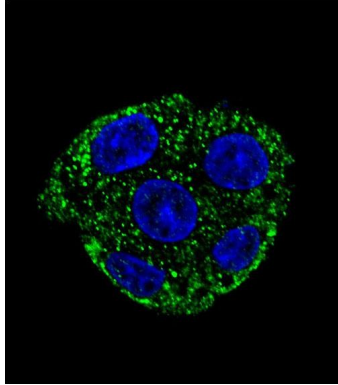
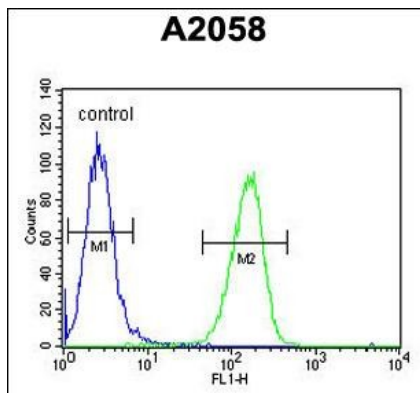


GSTO2 Antibody (Center) (Cat. #AP5840c) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the GSTO2 antibody detected the GSTO2 protein (arrow).



Western blot analysis of GSTO2 (arrow) using rabbit polyclonal GSTO2 Antibody (Center) (Cat. #AP5840c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GSTO2 gene.

GSTO2 Antibody (Center) (Cat. #AP5840c) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of GSTO2 Antibody (Center)(Cat#AP5840c) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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