

## DATASHEET

# GSTO2 Rabbit Polyclonal Antibody

CAT. NO. APA12797

### KEY FEATURES

Target	GSTO2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

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).

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

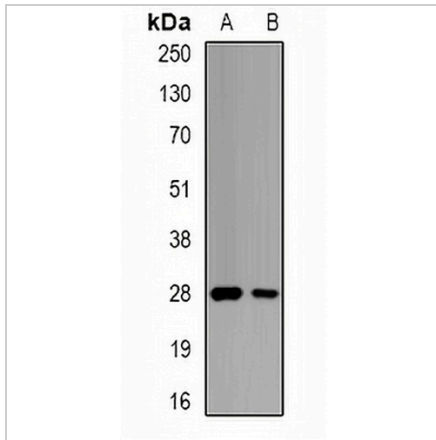
Description	Rabbit polyclonal antibody to GSTO2
Specificity	Recognizes endogenous levels of GSTO2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GSTO2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 28 kD; Observed: 28 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	GSTO2
Entrez Gene	119391(Human); 68214(Mouse); 309465(Rat)
SwissProt	Q9H4Y5(Human); Q8K2Q2(Mouse); Q6AXV9(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of GSTO2 expression in mouse pancreas (A), rat testis (B) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.