

Product datasheet for **TA331016**

GSTO2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GSTO2 antibody: synthetic peptide directed towards the N terminal of human GSTO2. Synthetic peptide located within the following region: VLETSQCQLIYESVIAACEYLDDAYPGRKLFYDPYERARQKMLLELFCKV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	glutathione S-transferase omega 2
Database Link:	NP_899062 Entrez Gene 119391 Human Q9H4Y5
Background:	The omega class glutathione transferases (GST; EC 2.5.1.18) have poor activity with common GST substrates, but exhibit novel glutathione-dependent thioltransferase, dehydroascorbate reductase, and monomethylarsonate reductase activities, and they modulate Ca(2+) release by ryanodine receptors (e.g., RYR1).
Synonyms:	bA127L20.1; GSTO 2-2



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Note: Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Horse: 86%; Guinea pig: 86%; Yeast: 77%

Protein Pathways: Drug metabolism - cytochrome P450, Glutathione metabolism, Metabolism of xenobiotics by cytochrome P450

Product images:



WB Suggested Anti-GSTO2 Antibody Titration:
0.2-1 ug/ml; Positive Control: HeLa cell lysate