

#### OriGene Technologies, Inc.

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# Product datasheet for TA331016

### **GSTO2** Rabbit Polyclonal Antibody

### **Product data:**

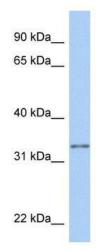
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GSTO2 antibody: synthetic peptide directed towards the N terminal of human GSTO2. Synthetic peptide located within the following region: VLETSQCQLIYESVIACEYLDDAYPGRKLFPYDPYERARQKMLLELFCKV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP 899062</u> <u>Entrez Gene 119391 Human</u> <u>Q9H4Y5</u>
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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	GSTO2 Rabbit Polyclonal Antibody – TA331016
Note:	Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Horse: 86%; Guinea pig: 86%; Yeast: 77%
Protein Pathway	<i>y</i> s: 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

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