

# Datasheet for ABIN630910

# anti-GSTO2 antibody (N-Term)





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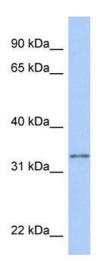
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Overview		
Quantity:	100 μL	
Target:	GST02	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GSTO2 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	GSTO2 antibody was raised using the N terminal of GSTO2 corresponding to a region with	
	amino acids VLETSQCQLIYESVIACEYLDDAYPGRKLFPYDPYERARQKMLLELFCKV	
Specificity:	GST02 antibody was raised against the N terminal of GST02	
Purification:	Affinity purified	
Target Details		
Target:	GST02	
Alternative Name:	GST02 (GST02 Products)	
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	

#### **Target Details**

Target Details		
	ryanodine receptors (e.g., RYR1).	
Molecular Weight:	28 kDa (MW of target protein)	
Application Details		
Application Notes:	WB: 1 µg/mL	
	Optimal conditions should be determined by the investigator.	
Comment:	GSTO2 Blocking Peptide, catalog no. 33R-9654, is also available for use as a blocking control in	
	assays to test for specificity of this GSTO2 antibody	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GSTO2 antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles.	
	Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	

## **Images**



### **Western Blotting**

**Image 1.** GSTO2 antibody used at 1 ug/ml to detect target protein.