

**bs-16344R****[ Primary Antibody ]****GSTO2 Rabbit pAb****Bioss**  
**ANTIBODIES**

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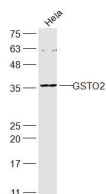
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat)
<b>GeneID:</b> 119391	<b>SWISS:</b> Q9H4Y5	
<b>Target:</b> GSTO2		<b>Predicted MW.:</b> 28 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GSTO2: 1-100/243.		<b>Subcellular Location:</b> Cytoplasm
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> The protein encoded by this gene is an omega class glutathione S-transferase (GST). GSTs are involved in the metabolism of xenobiotics and carcinogens. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010]		

**— VALIDATION IMAGES —**

Sample: HeLa(Human) Cell Lysate at 30 ug  
Primary: Anti-GSTO2 (bs-16344R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 28 kD Observed band size: 35 kD

**— SELECTED CITATIONS —**

- **[IF=4.501]** Xingyu Peng. et al. The Upregulation of GSTO2 is Associated with Colon Cancer Progression and a Poor Prognosis. J ONCOL. 2023 Jan 11;2023:4931650 IHC ;Human. 36688005