

Product datasheet for **TA308286**

glutathione S transferase Omega 1 (GSTO1) Rabbit Polyclonal Antibody

Product data:

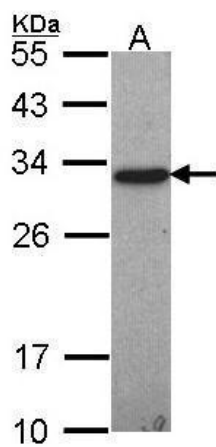
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 30 and 241 of GSTO1 (Uniprot ID#P78417)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
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 1
Database Link:	NP_004823 Entrez Gene 9446 Human P78417
Background:	This gene encodes a member of the theta class glutathione S-transferase-like (GSTTL) protein family. In mouse, the encoded protein acts as a small stress response protein, likely involved in cellular redox homeostasis. [provided by RefSeq]
Synonyms:	GSTO 1-1; GSTTLp28; HEL-S-21; P28; SPG-R
Note:	Seq homology of immunogen across species: Bovine (80%)
Protein Families:	Druggable Genome



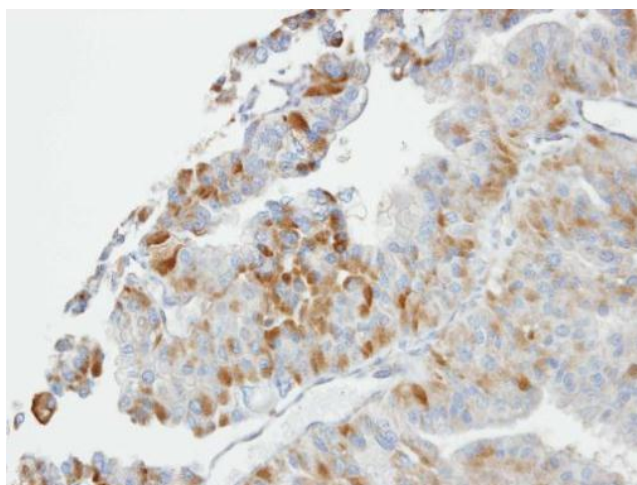
[View online »](#)

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

Product images:



Sample (30 ug of whole cell lysate). A: Hep G2. 12% SDS PAGE. TA308286 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded GSTA2 xenograft, using GSTO1 (TA308286) antibody at 1:100 dilution.