

## Product datasheet for **TA36009**

### AGXT Rabbit Polyclonal Antibody

#### Product data:

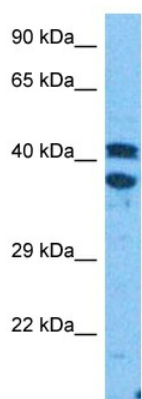
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human AGXT
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x 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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	43 kDa
Gene Name:	alanine-glyoxylate aminotransferase
Database Link:	<a href="#">NP_000021.1</a> <a href="#">Entrez Gene 189 Human</a> <a href="#">P21549</a>
Background:	This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targetting, have been associated with type I primary hyperoxaluria.
Synonyms:	AGT; AGT1; AGXT1; PH1; SPAT; SPT; TLH6
Protein Families:	Druggable Genome



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**Protein Pathways:** Alanine, aspartate and glutamate metabolism, Glycine, serine and threonine metabolism, Metabolic pathways

**Product images:**



Host: Rabbit  
Target Name: SPYA  
Sample Tissue: HepG2 Cell Lysate  
Antibody Dilution: 2.0µg/ml

Host: Rabbit  
Target Name: AGXT  
Sample Tissue: Human HepG2 Whole Cell  
Antibody Dilution: 1.0ug/ml