

## Product datasheet for **TA349849S**

### CYP39A1 Rabbit Polyclonal Antibody

#### Product data:

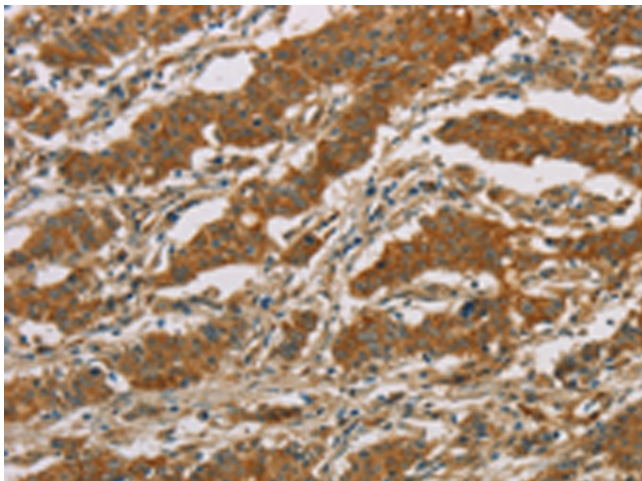
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CYP39A1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cytochrome P450 family 39 subfamily A member 1
Database Link:	<a href="#">NP_057677</a> <a href="#">Entrez Gene 51302 Human</a> <a href="#">Q9NYL5</a>
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This endoplasmic reticulum protein is involved in the conversion of cholesterol to bile acids. Its substrates include the oxysterols 25-hydroxycholesterol, 27-hydroxycholesterol and 24-hydroxycholesterol. Alternate splicing results in multiple transcript variants.
Synonyms:	39a1 (oxysterol 7alpha-hydroxylase); cytochrome P450; family 39; oxysterol 7-alpha-hydroxylase; oxysterol 7alpha-hydroxylase; polypeptide 1; subfamily a
Protein Families:	Druggable Genome, P450, Transmembrane



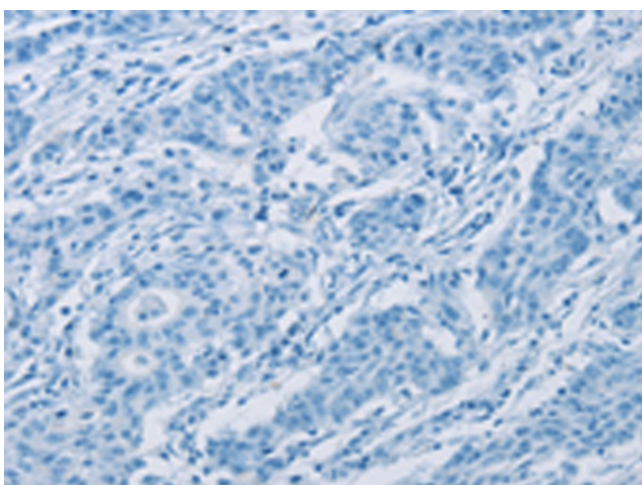
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Protein Pathways: Primary bile acid biosynthesis

### Product images:



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349849] (CYP39A1 Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349849] (CYP39A1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )