

Product datasheet for **TA349856S**

TBXAS1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TBXAS1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% GlycerolIn
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	thromboxane A synthase 1
Database Link:	NP_112246 Entrez Gene 6916 Human P24557

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. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to thromboxane A2, a potent vasoconstrictor and inducer of platelet aggregation. The enzyme plays a role in several pathophysiological processes including hemostasis, cardiovascular disease, and stroke. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



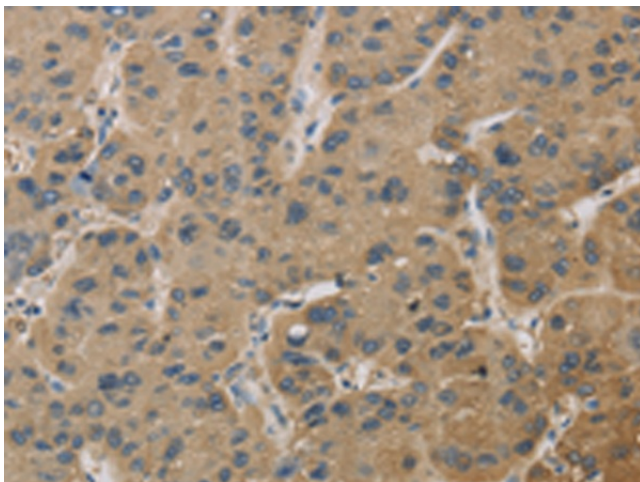
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Synonyms: BDPLT14; CYP5; CYP5A1; GHOSAL; THAS; TS; TXAS; TXS

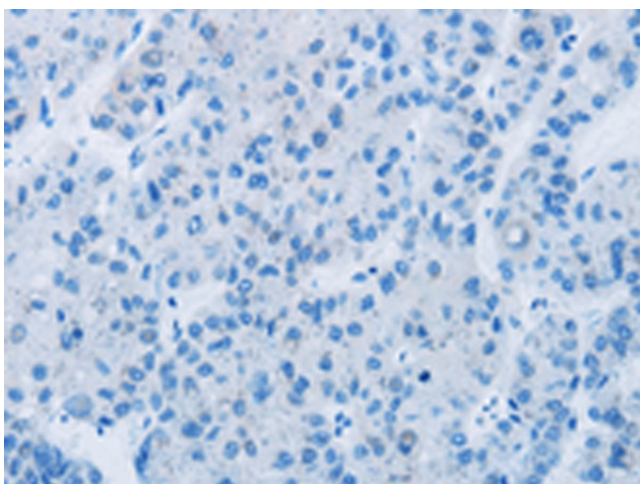
Protein Families: Druggable Genome, P450

Protein Pathways: Arachidonic acid metabolism, Metabolic pathways

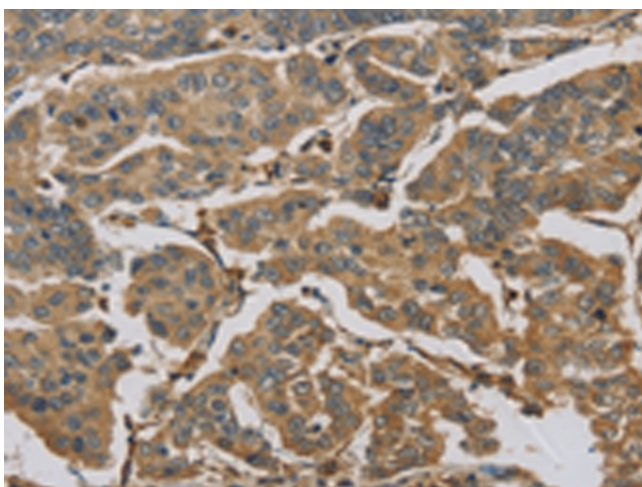
Product images:



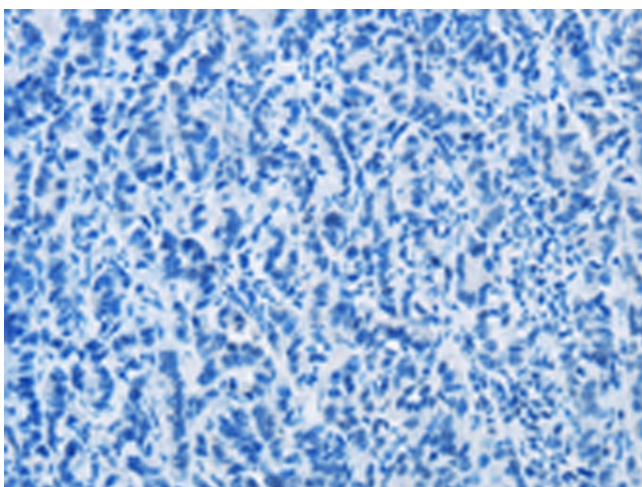
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349856] (TBXAS1 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349856] (TBXAS1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA349856] (TBXAS1 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA349856] (TBXAS1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)