

Product datasheet for **TA337958**

TBXAS1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TBXAS1 antibody is: synthetic peptide directed towards the C-terminal region of Human TBXAS1. Synthetic peptide located within the following region: GYEIITNTLSFATYLLATNPDCQEKLREVDVFKEKHMAPEFCSLEEGLP
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	thromboxane A synthase 1
Database Link:	NP_112246 Entrez Gene 6916 Human P24557



[View online »](#)

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.

Synonyms:

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

Note:

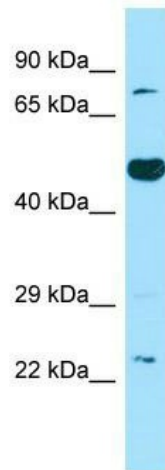
Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Dog: 93%; Guinea pig: 93%; Rat: 86%; Bovine: 86%; Rabbit: 86%; Mouse: 79%

Protein Families:

Druggable Genome, P450

Protein Pathways:

Arachidonic acid metabolism, Metabolic pathways

Product images:

WB Suggested Anti-TBXAS1 Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Brain