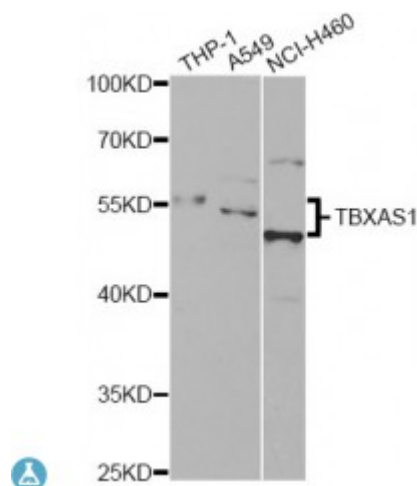


Anti-TBXAS1 Antibody



Description

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.

Model	STJ115325
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 355-534 of human TBXAS1 (NP_001052.2).
Gene ID	6916
Gene Symbol	TBXAS1
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
Tissue Specificity	Platelets, lung, kidney, spleen, macrophages and lung fibroblasts

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Thromboxane-A synthase TXA synthase TXS
Molecular Weight	60.518 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11609OMIM:231095Reactome:R-HSA-211979
Alternative Names	Thromboxane-A synthase TXA synthase TXS
Cellular Localization	Endoplasmic reticulum membrane

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