



[Go to Product page](#)

Datasheet for ABIN7270821
anti-TBXAS1 antibody

1 Image

Overview

Quantity:	100 µL
Target:	TBXAS1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TBXAS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Thromboxane synthase Rabbit mAb
Immunogen:	A synthesized peptide derived from human Thromboxane synthase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TBXAS1
Alternative Name:	TBXAS1 (TBXAS1 Products)
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The

Target Details

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. [provided by RefSeq, Aug 2008],BDPLT14, CYP5, CYP5A1, GHOSAL, THAS, TS, TXAS, TXS,Cancer,Cardiovascular,Cardiovascular diseases,Cardiovascular diseases_Heart disease,Cell Biology & Developmental Biology,Endocrine & Metabolism,Heart,Signal Transduction,TBXAS1

Molecular Weight: 54kDa

Gene ID: 6916

UniProt: [P24557](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

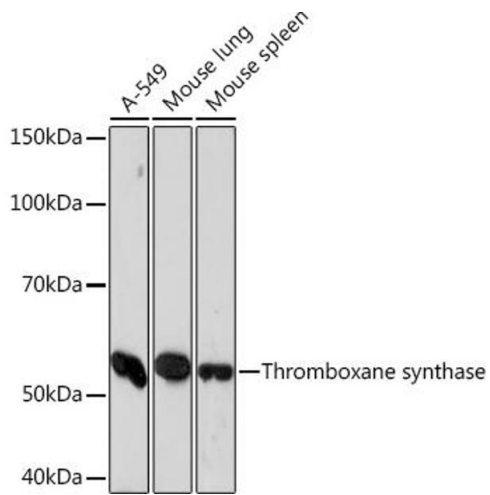
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Thromboxane synthase Rabbit mAb (ABIN7270821) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.