

Datasheet for ABIN7180264
anti-TBXAS1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TBXAS1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBXAS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human THAS.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

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

Target Details

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.

Yokoyama C., Biochem. Biophys. Res. Commun. 178:1479-1484(1991).

Ohashi K., J. Biol. Chem. 267:789-793(1992).

Miyata A., Eur. J. Biochem. 224:273-279(1994).

Aliases: BDPLT14 antibody, CYP5 antibody, CYP5A1 antibody, Cytochrome P450 5A1 antibody, Cytochrome P450, family 5, subfamily A, polypeptide 1 antibody, FLJ52771 antibody, GHOSAL antibody, Platelet cytochrome P450 subfamily V antibody, Tbxas1 antibody, THAS antibody, THAS_HUMAN antibody, Thromboxane A synthase 1 (platelet) antibody, Thromboxane A synthase 1 (platelet, cytochrome P450, family 5, subfamily A) antibody, Thromboxane A synthase 1 antibody, Thromboxane A synthase 1 platelet cytochrome P450 subfamily V antibody, Thromboxane-A synthase antibody, TS antibody, TXA synthase antibody, TXAS antibody, TXS antibody

UniProt: [P24557](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

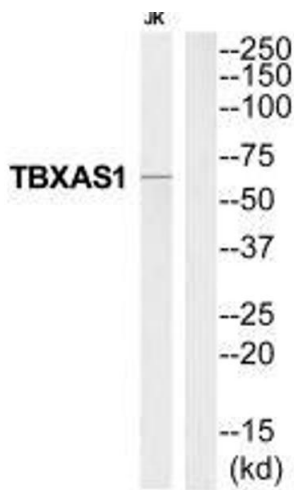
Preservative: Sodium azide

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

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using THAS antibody.