

Datasheet for ABIN2790095
anti-TBXAS1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TBXAS1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Horse, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBXAS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human TBXAS1
Sequence:	GYEITNTLS FATYLLATNP DCQEKLLREV DVFKEKHMALP EFCSLEEGLP
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TBXAS1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TBXAS1
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Target Details

Alternative Name:	TBXAS1 (TBXAS1 Products)
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. Alias Symbols: CYP5, CYP5A1, FLJ52771, GHOSAL, THAS, TS, TXAS, TXS, BDPLT14 Protein Interaction Partner: UBC, Protein Size: 460
Molecular Weight:	52 kDa
Gene ID:	6916
NCBI Accession:	NM_030984 , NP_112246
UniProt:	Q16843

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 460 AA
Restrictions:	For Research Use only

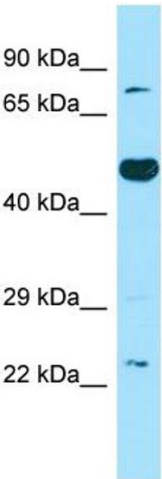
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TBXAS1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Brain