

ARG56267 anti-TBXAS1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TBXAS1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TBXAS1
Species	Human
Immunogen	Recombinant protein of Human TBXAS1
Conjugation	Un-conjugated
Alternate Names	THAS; Thromboxane-A synthase; EC 5.3.99.5; Cytochrome P450 5A1; TXA synthase; TS; CYP5A1; TXAS; CYP5; BDPLT14; GHOSAL; TXS

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U937	

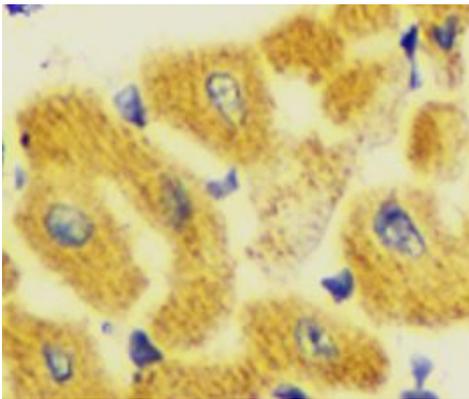
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

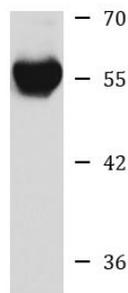
Gene Symbol	TBXAS1
Gene Full Name	thromboxane A synthase 1 (platelet)
Background	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and 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. [provided by RefSeq, Aug 2008]
Calculated Mw	61 kDa

Images



ARG56267 anti-TBXAS1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse heart stained with ARG56267 anti-TBXAS1 antibody at 1:100 dilution.



U937

ARG56267 anti-TBXAS1 antibody WB image

Western blot: U937 cell lysate stained with ARG56267 anti-TBXAS1 antibody.