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Datasheet for ABIN752623

anti-TBXAS1 antibody (AA 451-533)

3 Images

Overview

Quantity:	100 µL
Target:	TBXAS1
Binding Specificity:	AA 451-533
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBXAS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thromboxane synthase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	TBXAS1
Alternative Name:	Thromboxane synthase (TBXAS1 Products)
Background:	Synonyms: TS, TXS, CYP5, THAS, TXAS, CYP5A1, GHOSAL, BDPLT14, Thromboxane-A

Target Details

synthase, TXA synthase, Cytochrome P450 5A1, TBXAS1

Background: Thromboxane Synthase is a useful marker for the detection of native thromboxane synthase in smears, isolated cells, human tissue sections, and for affinity purification of the enzyme. In combination with the markers 27E10, RM 3/1 and 25F9, anti Thromboxane Synthase enables a more precise characterization of inflammatory processes in injured tissues, or in vitro cell-cell interaction studies. Distribution of thromboxane synthase in human tissues: Thromboxane synthase is predominantly produced by macrophages or antigen presenting cells of the myelo-monocytic lineage as shown below. Endothelial cells of placenta and epithelial cells in tonsils and bronchi also express this enzyme.

Gene ID: 6916

UniProt: [P24557](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

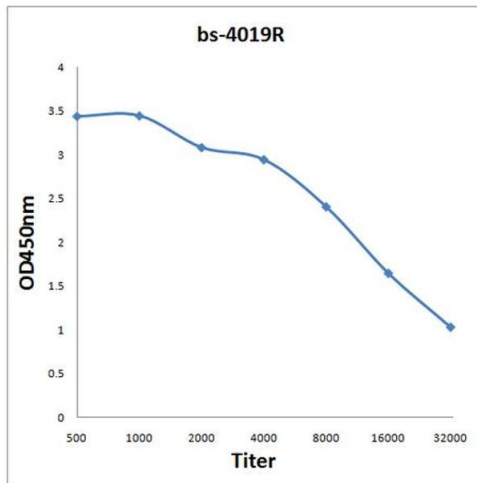
Preservative: ProClin

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

Storage: 4 °C, -20 °C

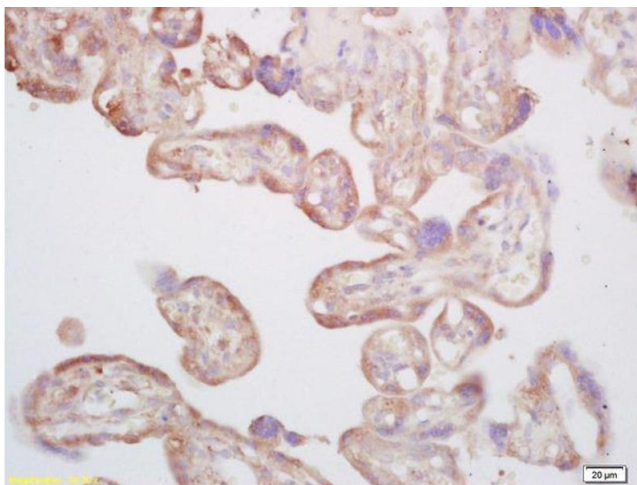
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



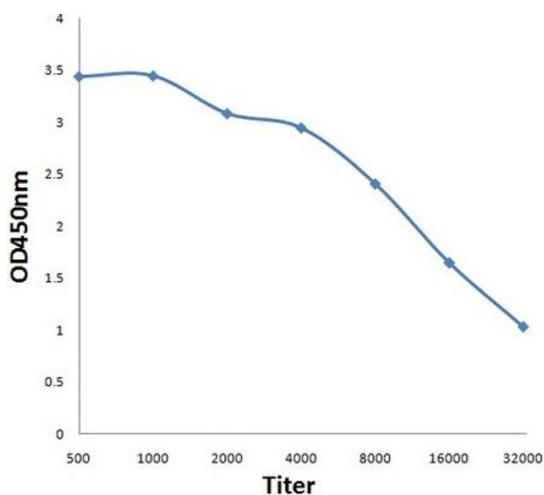
ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450nm.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human placenta labeled with Rabbit Anti CYP5A1/Thromboxane synthase Polyclonal Antibody, Unconjugated (ABIN752623) at 1:200 followed by conjugation to the secondary antibody and DAB staining



ELISA

Image 3. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm.