

Datasheet for ABIN752632

anti-TBXAS1 antibody (AA 451-533) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TBXAS1
Binding Specificity:	AA 451-533
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBXAS1 antibody is conjugated to HRP
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
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months