


## Product datasheet

# Anti-Thromboxane synthase antibody ab39362

[9 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-Thromboxane synthase antibody
<b>Description</b>	Rabbit polyclonal to Thromboxane synthase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cynomolgus monkey 
<b>Immunogen</b>	Synthetic peptide: TNPDCQEKLLREVDVFKEK , corresponding to amino acids 359/377 of Human Thromboxane synthase <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: 0.1% BSA, 50% Glycerol, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab39362 is an affinity purified IgG
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab39362 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500. Detects a band of approximately 54 kDa (predicted molecular weight: 61 kDa).

## Target

### Tissue specificity

Platelets, lung, kidney, spleen, macrophages and lung fibroblasts.

### Involvement in disease

Defects in TBXAS1 are the cause of Ghosal hematodiaphyseal dysplasia (GHDD) [MIM:231095]. GHDD is a rare autosomal recessive disorder characterized by increased bone density with predominant diaphyseal involvement and aregenerative corticosteroid-sensitive anemia. Aregenerative anemia is characterized by bone marrow failure, so that functional marrow cells are regenerated slowly or not at all.

Defects in TBXAS1 are the cause of thromboxane synthetase deficiency (TBXAS1 deficiency) [MIM:274180]. It is characterized by hemorrhagic diathesis.

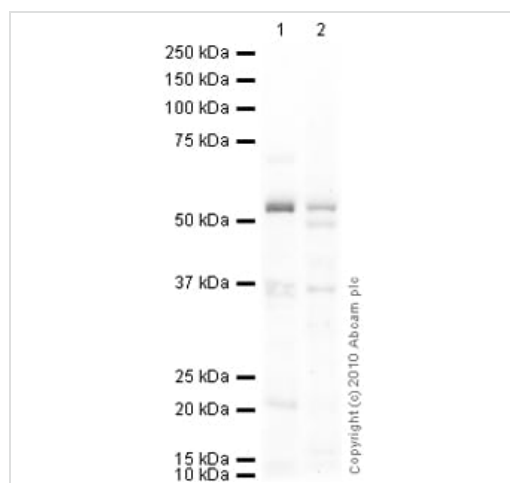
### Sequence similarities

Belongs to the cytochrome P450 family.

### Cellular localization

Endoplasmic reticulum membrane.

## Images



Western blot - Anti-Thromboxane synthase antibody (ab39362)

**All lanes** : Anti-Thromboxane synthase antibody (ab39362) at 1  $\mu$ g/ml

**Lane 1** : Human spleen tissue lysate - total protein (**ab29699**)

**Lane 2** : WI38 (Human lung fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10  $\mu$ g per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 61 kDa

**Observed band size:** 54 kDa

**Additional bands at:** 21 kDa, 36 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 8 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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