


## Product datasheet

# Anti-Thromboxane A2 receptor/TBXA2R antibody [EPR7336] ab134959

Recombinant RabMAb

★★★★☆ 1 Abreviews 3 References 2 Images

### Overview

<b>Product name</b>	Anti-Thromboxane A2 receptor/TBXA2R antibody [EPR7336]
<b>Description</b>	Rabbit monoclonal [EPR7336] to Thromboxane A2 receptor/TBXA2R
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human platelet, fetal kidney and fetal heart lysates.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal

Clone number EPR7336  
Isotype IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab134959 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)	1/1000 - 1/10000. Predicted molecular weight: 37 kDa.

**Application notes** Is unsuitable for IHC-P or IP.

## Target

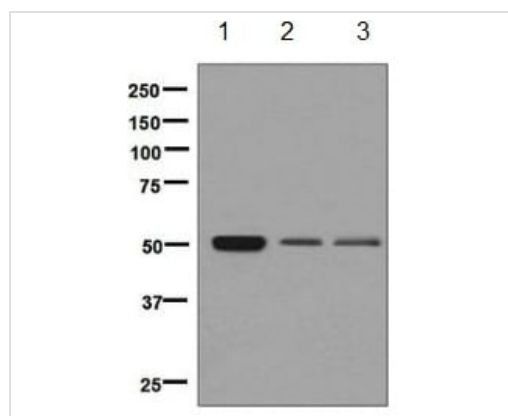
**Function** Receptor for thromboxane A2 (TXA2), a potent stimulator of platelet aggregation. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. In the kidney, the binding of TXA2 to glomerular TP receptors causes intense vasoconstriction. Activates phospholipase C. Isoform 1 activates adenylyl cyclase. Isoform 2 inhibits adenylyl cyclase.

**Involvement in disease** Defects in TBXA2R are the cause of susceptibility to bleeding disorder platelet-type 13 (BDPLT13) [MIM:614009]. BDPLT13 is a disorder characterized by reduced platelet aggregation and a tendency to mild mucocutaneous bleeding.

**Sequence similarities** Belongs to the G-protein coupled receptor 1 family.

**Cellular localization** Cell membrane.

## Images



Western blot - Anti-Thromboxane A2 receptor/TBXA2R antibody [EPR7336] (ab134959)

**All lanes** : Anti-Thromboxane A2 receptor/TBXA2R antibody [EPR7336] (ab134959) at 1/1000 dilution

**Lane 1** : Human platelet lysate

**Lane 2** : Human fetal kidney lysate

**Lane 3** : Human fetal heart lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : HRP labelled goat anti rabbit at 10 µg

**Predicted band size:** 37 kDa

## Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Thromboxane A2 receptor/TBXA2R antibody  
[EPR7336] (ab134959)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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