

Datasheet for ABIN7043809

anti-TBXA2R antibody (3rd Intracellular Loop)**3** Images[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	TBXA2R
Binding Specificity:	3rd Intracellular Loop, AA 225-239
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBXA2R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HAREATQRPRD(S)EVE, corresponding to amino acid residues 225-239 of rat TBXA2R
Isotype:	IgG
Characteristics:	Anti-Thromboxane A2 Receptor Antibody (ABIN7043809, ABIN7045124 and ABIN7045125)) is a highly specific antibody directed against an epitope of the rat TBXA2R. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize TBXA2R from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

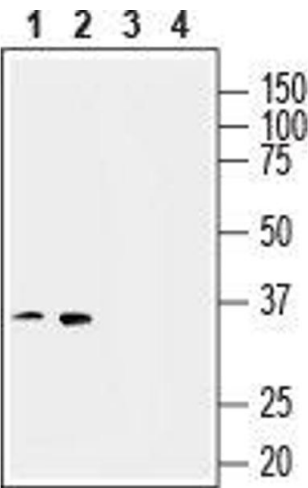
Target:	TBXA2R
Alternative Name:	Thromboxane A2 Receptor (TBXA2R Products)
Background:	Alternative names: Thromboxane A2 Receptor, Prostanoid TP receptor, TXA2-R, TBXA2R
Gene ID:	24816
NCBI Accession:	NM_001060
UniProt:	P34978

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

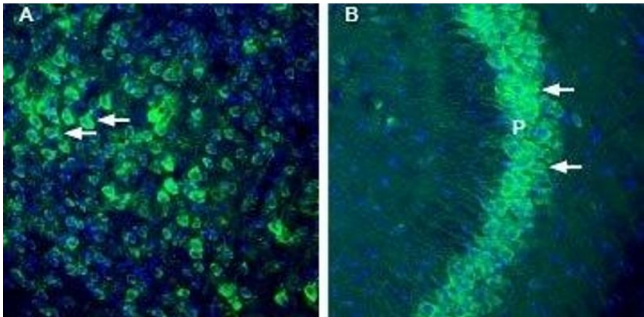
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



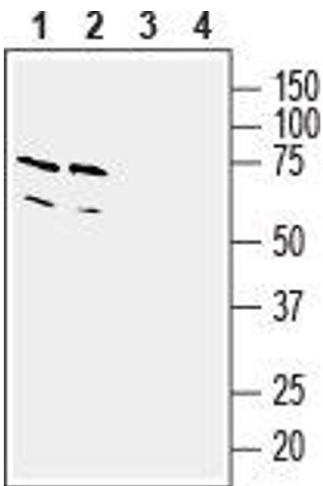
Western Blotting

Image 1. Western blot analysis of human THP-1 monocytic leukemia (lanes 1 and 3) and human MEG-01 megakaryoblastic leukemia (lanes 2 and 4) cell line lysates: - 1,2. Anti-Thromboxane A2 Receptor Antibody (ABIN7043809, ABIN7045124 and ABIN7045125), (1:200).3,4. Anti-Thromboxane A2 Receptor Antibody, preincubated with Thromboxane A2 Receptor Blocking Peptide (#BLP-PR069).



Immunohistochemistry

Image 2. Expression of thromboxane A2 receptor in mouse cortex and hippocampus - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti-Thromboxane A2 Receptor Antibody (ABIN7043809, ABIN7045124 and ABIN7045125), (1:200), followed by goat anti-rabbit-AlexaFluor-488. A. TBXA2R immunoreactivity (green) is observed in mouse parietal cortex neurons (arrows). B. TBXA2R immunoreactivity (green) is detected in neurons (horizontal arrows) of mouse hippocampal CA3 pyramidal layer (P). Cell nuclei are stained with DAPI (blue).



Western Blotting

Image 3. Western blot analysis of mouse (lanes 1 and 3) and rat (lanes 2 and 4) brain lysates: - 1,2. Anti-Thromboxane A2 Receptor Antibody (ABIN7043809, ABIN7045124 and ABIN7045125), (1:200).3,4. Anti-Thromboxane A2 Receptor Antibody, preincubated with Thromboxane A2 Receptor Blocking Peptide (#BLP-PR069).