

**Product Name: TA2R Rabbit Polyclonal Antibody**  
**Catalog #: APRab18584**



## Summary

<b>Production Name</b>	TA2R Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TBXA2R
<b>Alternative Names</b>	
<b>Gene ID</b>	6915.0
<b>SwissProt ID</b>	P21731.Synthesized peptide derived from human protein . at AA range: 230-310

## Application

<b>Dilution Ratio</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Molecular Weight</b>	37kD

## Background

thromboxane A2 receptor(TBXA2R) Homo sapiens This gene encodes a member of the G protein-coupled receptor family. The protein interacts with thromboxane A2 to induce platelet aggregation and regulate hemostasis. A mutation in

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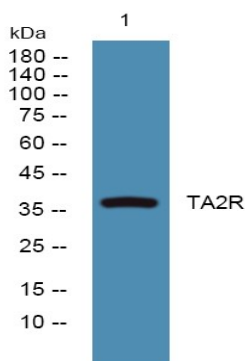


this gene results in a bleeding disorder. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009],disease:Defects in TBXA2R are the cause of a dominantly inherited bleeding disorder [MIM:188070],function:Receptor for thromboxane A2 (TXA2), 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.,similarity:Belongs to the G-protein coupled receptor 1 family.,

## Research Area

Calcium;Neuroactive ligand-receptor interaction;

## Image Data



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night

## Note

For research use only.