

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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	37kDa

Antigen Information

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

Background

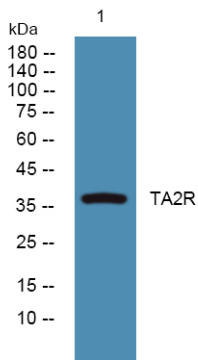
thromboxane A2 receptor(TBXA2R) Homo sapiens This gene encodes a member of the G protein-coupled receptor family. The protein interacts with thromboxane A2 to induce platelet aggregation and regulate hemostasis. A mutation in this gene results in a bleeding disorder. Multiple transcript variants encoding 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, TA2R Rabbit Polyclonal Antibody was diluted at 1:1000, 4° over night