



TA2R Polyclonal Antibody

Catalog No	YP-Ab-07546
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TBXA2R
Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity	TA2R Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BDPLT13;TXA2-R;TP;TA2R_HUMAN;TBXA2R;Prostanoid TP receptor;TA2R_MOUSE;TA2R_RAT;TXR2;thromboxane A2 receptor;TA2R;Thromboxane A2 receptor (TXA2-R) (Prostanoid TP receptor)
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Blood,Endothelial cell,Lung,PCR rescued clones,Placenta,Platelet,
Function	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.,



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],

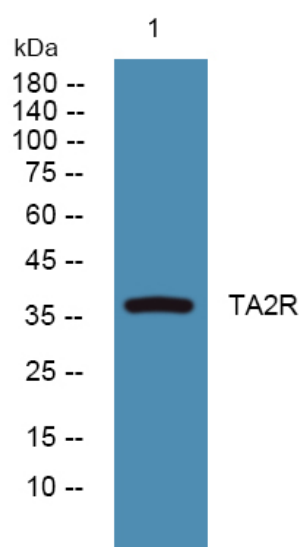
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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