



TA2R Monoclonal Antibody

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| Catalog No | BYmab-07546 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse |
| Applications | WB |
| Gene Name | TBXA2R |
| Protein Name | Thromboxane A2 receptor (TXA2-R) (Prostanoid TP receptor) |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 230-310 |
| Specificity | TA2R Monoclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 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 |

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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],

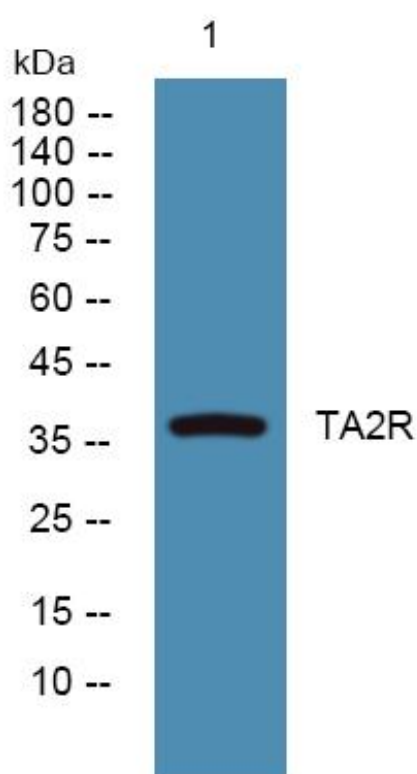
matters needing attention

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 various cells using TA2R Monoclonal Antibody