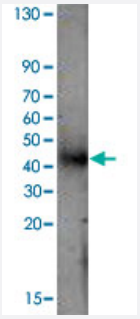
# P2RY12 polyclonal antibody

Catalog # PAB24710 Size 100 ug

## Applications




### Western Blot (Recombinant protein)

Western blot analysis of recombinant P2RY12 protein using P2RY12 polyclonal antibody (Cat # PAB24710).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic peptide of P2RY12. |
| **Immunogen** | A synthetic peptide corresponding to amino acids 320-342 at C-terminus of human P2RY12. |
| **Host** | Rabbit |
| **Reactivity** | Human, Monkey |
| **Form** | Liquid |
| **Purification** | Affinity Purification |
| **Concentration** | 0.57-0.68 mg/mL |
| **Recommend Usage** | Western Blot (1:500)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In Tris-glycine buffer, pH 7.4 (stabilizing proteins, cryogenic stabilizers, glycerol, 0.02% sodium azide ) |
| **Storage Instruction** | Store at -20°C<br>Aliquot to avoid repeated freezing and thawing. |

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|---|---|
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot analysis of recombinant P2RY12 protein using P2RY12 polyclonal antibody (Cat # PAB24710).

## Gene Info — P2RY12

| | |
|---|---|
| **Entrez GeneID** | 64805 |
| **Protein Accession#** | Q9H244 |
| **Gene Name** | P2RY12 |
| **Gene Alias** | ADPG-R, HORK3, P2T(AC), P2Y(AC), P2Y(ADP), P2Y(cyc), P2Y12, SP1999 |
| **Gene Description** | purinergic receptor P2Y, G-protein coupled, 12 |
| **Omim ID** | 600515 609821 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The product of this gene belongs to the family of G-protein coupled receptors. This family has sev eral receptor subtypes with different pharmacological selectivity, which overlaps in some cases, f or various adenosine and uridine nucleotides. This receptor is involved in platelets aggregation, a nd is a potential target for the treatment of thromboembolisms and other clotting disorders. Two tr anscript variants encoding the same isoform have been identified for this gene. [provided by RefS eq |
| **Other Designations** | ADP-glucose receptor\|G-protein coupled receptor SP1999\|Gi-coupled ADP receptor HORK3\|P2 Y purinoceptor 12\|platelet ADP receptor\|purinergic receptor P2RY12\|purinergic receptor P2Y12\|p utative G-protein coupled receptor |

## Disease

- Acute Disease
- Alzheimer disease

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- Angina Pectoris
- Arteriosclerosis
- Atherosclerosis
- Brain Ischemia
- Cardiovascular Diseases
- Cerebrovascular Accident
- Chronic Disease
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Heart Diseases
- Intraoperative Complications
- Ischemia
- Kidney Failure
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Osteoporosis
- Peripheral Vascular Diseases
- Pulmonary Embolism
- Renal Insufficiency
- Stroke

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- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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