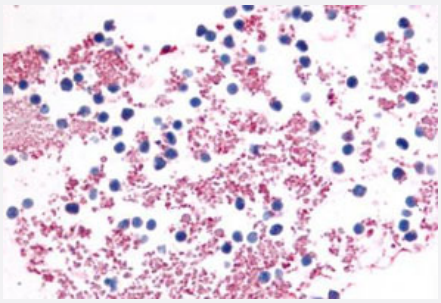
P2RY12 polyclonal antibody

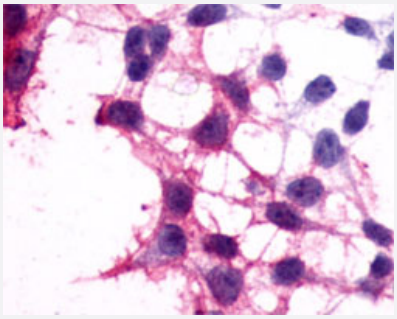
Catalog # PAB26005 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human blood, platelets with P2RY12 polyclonal antibody (Cat # PAB26005).
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunocytochemistry

Immunocytochemical staining of HEK293 human embryonic kidney cells transfected with P2RY12. Primary antibody using P2RY12 polyclonal antibody (Cat # PAB26005).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of P2RY12.
Immunogen	A synthetic peptide corresponding to 17 amino acids at N-terminus of human P2RY12.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography

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Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (32 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human blood, platelets with P2RY12 polyclonal antibody (Cat # PAB26005).
  Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

- Immunocytochemistry

  Immunocytochemical staining of HEK293 human embryonic kidney cells transfected with P2RY12. Primary antibody using P2RY12 polyclonal antibody (Cat # PAB26005).

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

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Other Designations	ADP-glucose receptor|G-protein coupled receptor SP1999|Gi-coupled ADP receptor HORK3|P2Y purinoceptor 12|platelet ADP receptor|purinergic receptor P2RY12|purinergic receptor P2Y12|putative G-protein coupled receptor

Disease

- Acute Disease
- Alzheimer disease
- 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

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- Myocardial Infarction
- Neoplasms
- Osteoporosis
- Peripheral Vascular Diseases
- Pulmonary Embolism
- Renal Insufficiency
- Stroke
- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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