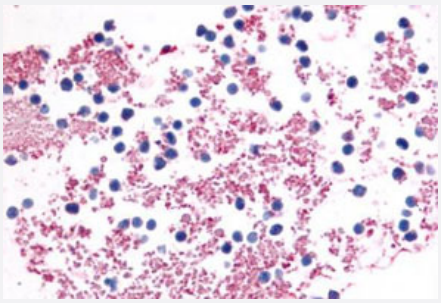
P2RY12 polyclonal antibody

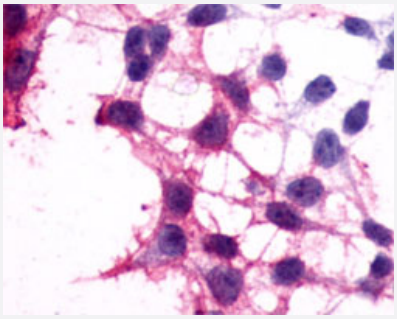
Catalog # PAB26005 Size 50 ug

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

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

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

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