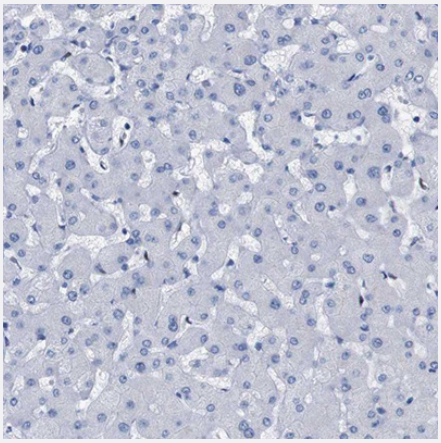
Sm Size

P2RY12 polyclonal antibody

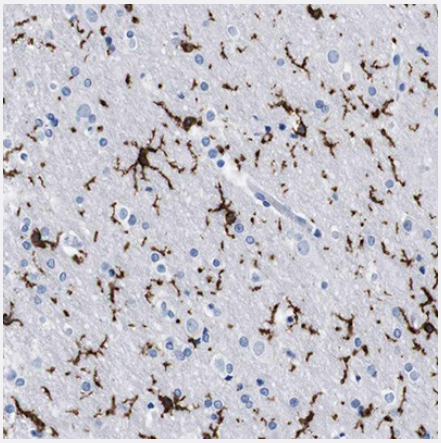
Catalog # PAB31824 Size 25 uL, 100 uL

Applications



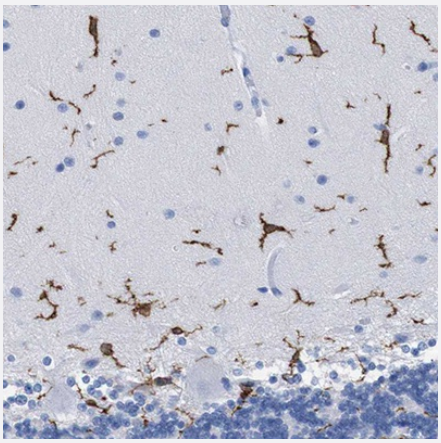
Immunohistochemistry

Immunohistochemical staining of human liver shows no positivity as expected.



Immunohistochemistry

Immunohistochemical staining of human cerebral cortex shows strong cytoplasmic positivity in microglia.



Immunohistochemistry

Immunohistochemical staining of human cerebellum shows strong cytoplamic positivity in microglia.

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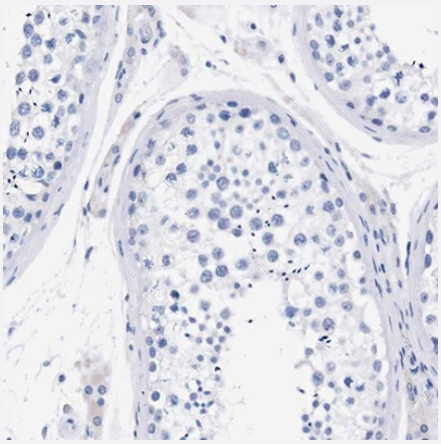

Immunohistochemistry

Immunohistochemical staining of human testis shows no positivity in cells in semiferous ducts as expected.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human P2RY12.
Sequence	KSFRNSLISMLKCPNSATSLSQDNRKKEQDGGDPNEETPM
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts to P2RY12.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000 - 1:2500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°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

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- Immunohistochemistry

  Immunohistochemical staining of human liver shows no positivity as expected.

- Immunohistochemistry

  Immunohistochemical staining of human cerebral cortex shows strong cytoplasmic positivity in microglia.

- Immunohistochemistry

  Immunohistochemical staining of human cerebellum shows strong cytoplamic positivity in microglia.

- Immunohistochemistry

  Immunohistochemical staining of human testis shows no positivity in cells in semiferous ducts as expected.

Gene Info — P2RY12

Entrez GeneID	64805
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
- Angina Pectoris

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- 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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