

For Research Use Only

# P2RY2 Polyclonal antibody

Catalog Number: 20297-1-AP



## Basic Information

<b>Catalog Number:</b> 20297-1-AP	<b>GenBank Accession Number:</b> BC012104	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 5029	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P41231	
<b>Isotype:</b> IgG	<b>Full Name:</b> purinergic receptor P2Y, G-protein coupled, 2	
<b>Immunogen Catalog Number:</b> AG14107	<b>Calculated MW:</b> 377 aa, 42 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

P2RY2, also named P2RU1, P2U1, and P2Y2, belongs to the G-protein coupled receptor 1 family. It is a receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. Extracellular ATP then acts on purinergic receptors, including P2RY2, to activate proline-rich tyrosine kinase 2 (Pyk2) kinase and transient plasma membrane depolarization.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data