

For Research Use Only

P2RY2 Polyclonal antibody

Catalog Number: 20297-1-AP



Basic Information

Catalog Number:

20297-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14107

GenBank Accession Number:

BC012104

GeneID (NCBI):

5029

UNIPROT ID:

P41231

Full Name:

purinergic receptor P2Y, G-protein coupled, 2

Calculated MW:

377 aa, 42 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HL-60 cells, MCF-7 cells, PC-3 cells

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

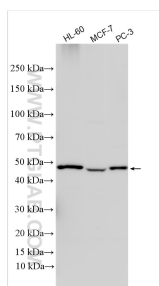
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20297-1-AP (P2RY2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.