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P2ry4 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21371a

Product Information

Application	WB, E
Primary Accession	Q9JJS7
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52767
Calculated MW	41034

Additional Information

Gene ID	57385
Other Names	P2Y purinoceptor 4, P2Y4, P2ry4, P2y4r
Target/Specificity	This P2ry4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5-42 amino acids from the N-terminal region of human P2ry4.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	P2ry4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	P2ry4
Synonyms	P2y4r
Function	Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Tissue Location	Expressed in the liver, intestine, stomach, bladder and lung

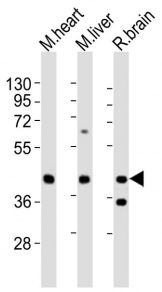
Background

Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system.

References

Suarez-Huerta N.,et al.Eur. J. Pharmacol. 416:197-202(2001).
Carninci P.,et al.Science 309:1559-1563(2005).

Images



All lanes : Anti-P2ry4 Antibody (N-term) at 1:2000 dilution Lane 1: mouse heart lysates Lane 2: mouse liver lysates Lane 3: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.