

**bs-4180R****[ Primary Antibody ]**

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**P2Y2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 5029	<b>SWISS:</b> P41231	<b>IHC-F</b> (1:100-500)
<b>Target:</b> P2Y2		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human P2Y2R: 21-120/377. < Extracellular >		<b>ELISA</b> (1:5000-10000)
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Dog, Horse)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 41 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Cell membrane
<b>Background:</b> The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to both adenosine and uridine nucleotides. It may participate in control of the cell cycle of endometrial carcinoma cells. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].		

**— SELECTED CITATIONS —**

- **[IF=6.1]** Xue-qi Liu. et al. Blocking ATP-P1Rs axis attenuate alcohol-related liver fibrosis. LIFE SCI. 2023 Jun;;121896 IHC ;Mouse. 37385371
- **[IF=4.162]** Zhen-Ni Liu. et al. Blockade of the P2Y2 Receptor Attenuates Alcoholic Liver Inflammation by Targeting the EGFR-ERK1/2 Signaling Pathway. DRUG DES DEV THER. Drug Des Dev Ther. 2022 Apr;16:1107-1120 IHC ;Mouse. 35444406
- **[IF=3.361]** Liu ZN et al. Regulation of CD39 expression in ATP-P2Y2R-mediated alcoholic liver steatosis and inflammation. Int Immunopharmacol. 2019 Oct 19;77:105915. WB ;Mouse. 31639617
- **[IF=2.9]** Mengjie Chen. et al. Long noncoding RNA MALAT1 as a ceRNA drives mouse fibroblast activation via the miR-335-3p/P2ry2 axis. PLOS ONE. 2024 Aug;19(8):e0308723 WB ;Mouse. 39133718
- **[IF=1.42]** Liu, Yuan-Mei, et al. "Expression of the P2Y2 receptor in the terminal rectum of fetal rats with anorectal malformation." International Journal of Clinical and Experimental Medicine 8.2 (2015): 1669-1676. IHC ;="Rat". 25932095