

Rabbit anti-Human P2RY6 Polyclonal Antibody | anti-P2RY6 antibody

Anti-P2RY6 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255105	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

P2RY6; Polyclonal Antibody; Anti-P2RY6 Antibody; Rabbit Polyclonal; P2RY6 Antibody; Rabbit PAb; Antigen Affinity Purified; pyrimidinergic receptor P2Y; G-protein coupled; 6; Anti-P2Y6 Antibody; Anti-PP2891 Antibody; anti-P2RY6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human P2RY6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-P2RY6 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human P2RY6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human P2RY6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

P2RY6 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate, 4 uL anti-P2RY6 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-P2RY6 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa. Observed band size: 35 kDa.



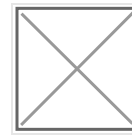
IHC (Immunohistochemistry)

Immunochemical staining of human P2RY6 in human ovarian cancer with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human P2RY6 in human kidney with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-P2RY6 rabbit polyclonal antibody at 1:500 dilution Lane A: A549 Whole Cell Lysate Lane B: 293 Whole Cell Lysate Lane C: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa Observed band size: 36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY6 antibody	P2RY6 (Pyrimidinergic Receptor P2Y6) is a Protein Coding gene. The P2RY6 gene, located on 11q13.4, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, and zebrafish. The product of this gene belongs to the family of P2 receptors, which are activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y 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, which is a G-protein coupled receptor, is responsive to UDP, partially responsive to UTP and ADP, and not responsive to ATP. It is proposed that this receptor mediates inflammatory responses. Among its related pathways are RET signaling and Signaling by GPCR.
References	Obba S, et al. (2015) The prkaa1/ampkalpha1 pathway triggers autophagy during csf1-induced human monocyte differentiation and is a potential target in cmml. Autophagy 11 (7): 1114-1129. Nakano M, et al. (2017) Udp/p2y6 receptor signaling regulates ige-dependent degranulation in human basophils. Allergol Int 66 (4): 574-580. Hao Y, et al. (2014) P2y6 receptor-mediated proinflammatory signaling in human bronchial epithelia. PLoS One 9 (9): e106235.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2495018
NCBI GeneID	5031
UniProt Accession #	Q15077; Q15754
Molecular Weight	328
NCBI Official Full Name	P2Y purinoceptor 6
NCBI Official Synonym Full Names	pyrimidinergic receptor P2Y, G-protein coupled, 6
NCBI Official Symbol	P2RY6
NCBI Official Synonym Symbols	P2Y6
NCBI Protein Information	P2Y purinoceptor 6; P2Y6 receptor; P2 purinoceptor; G-coupled nucleotide receptor
UniProt Protein Name	P2Y purinoceptor 6
UniProt Gene Name	P2RY6
UniProt Synonym Gene Names	P2Y6
UniProt Entry Name	P2RY6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p2ry6-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255105>