

Rabbit P2RY4/P2Y4 Polyclonal Antibody | anti-P2RY4 antibody

P2RY4/P2Y4 Rabbit anti-Human Polyclonal (Internal) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162736	Rabbit	Mouse, Rat, Human	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

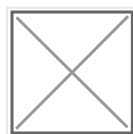
PRODUCT SYNONYMS

P2RY4/P2Y4; Polyclonal Antibody; P2RY4/P2Y4 Rabbit anti-Human Polyclonal (Internal) Antibody; IHC-plus P2RY4/P2Y4 Antibody (Internal); P2RY4; p2Y4; p2P; p2Y purinoceptor 4; Pyrimidinergic receptor p2ry4; NRU; Uridine nucleotide receptor; p2RY4; UNR; anti-P2RY4 antibody

PRODUCT SPECIFICATIONS

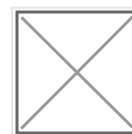
Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of P2Y4 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-P2RY4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Target	Human P2RY4/P2Y4
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human P2Y4.
Conjugation	Unconjugated
Epitope	Internal
Family	GPCR
Subfamily	Purinergic
Preparation and Storage	Aliquot and store at -20 degree C for 1 year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

P2RY4/P2Y4 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

P2RY4/P2Y4 Antibody-Western blot analysis of P2Y4 expression in HeLa (A); rat brain (B); rat lung (C) whole cell lysates.



ICC (Immunocytochemistry)

P2RY4/P2Y4 Antibody-Immunofluorescent analysis of P2Y4 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 deg C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY4 antibody	P2Y4 antibody is an unconjugated rabbit polyclonal antibody to P2Y4 (P2RY4)(Internal) from human. It is reactive with human, mouse and rat. Validated for ICC, IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505561
NCBI GeneID	5030
NCBI Accession #	NP_002556.1
NCBI GenBank Nucleotide #	NM_002565
UniProt Accession #	P51582; Q4VBB7; Q4VBB8; Q502W2; Q5JT22
Molecular Weight	40,963 Da
NCBI Official Full Name	P2Y purinoceptor 4
NCBI Official Synonym Full Names	pyrimidinergic receptor P2Y, G-protein coupled, 4
NCBI Official Symbol	P2RY4
NCBI Official Synonym Symbols	NRU; P2P; UNR; P2Y4
NCBI Protein Information	P2Y purinoceptor 4; uridine nucleotide receptor
UniProt Protein Name	P2Y purinoceptor 4
UniProt Gene Name	P2RY4
UniProt Synonym Gene Names	NRU; P2Y4; UNR
UniProt Entry Name	P2RY4_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/p2ry4-p2y4-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162736>