

# Product Datasheet

## P2Y1/P2RY1 Antibody NBP1-30741

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-30741****P2Y1/P2RY1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Lyophilized from whole antisera

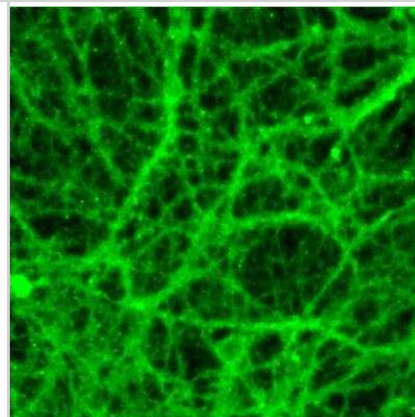
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit P2Y1/P2RY1 Antibody (NBP1-30741) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-P2Y1/P2RY1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5028
<b>Gene Symbol</b>	P2RY1
<b>Species</b>	Human, Mouse, Rat, Guinea Pig
<b>Reactivity Notes</b>	Rat reactivity reported from a verified customer review.
<b>Immunogen</b>	A synthetic peptide from amino acid region 323-373 of mouse P2Y1/P2RY1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and human.

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:300-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:300-1:2000
<b>Application Notes</b>	P2Y1/P2RY1 antibody validated for ICC/IF from a verified customer review.



## Images

Immunocytochemistry/Immunofluorescence: P2Y1/P2RY1 Antibody [NBP1-30741] - Dissociated rat hippocampal culture. Image courtesy of Janosch Heller, University College London.



## Publications

Zhao Y, Luo H, Ren X et al. The P2Y(1) receptor in the colonic myenteric plexus of rats and its correlation with opioid-induced constipation BMC Gastroenterol 2024-01-08 [PMID: 38191294]

Zhao Y, Ren X, Li F et al. P2Y1 receptor in the colonic submucosa of rats and its association with opioid induced constipation Experimental and Therapeutic Medicine 2022-12-13 [PMID: 36605532] (IF/IHC, Rat)



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### **Products Related to NBP1-30741**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005028-Q01-10ug	Recombinant Human P2Y1/P2RY1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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