

# Product Datasheet

## P2Y1/P2RY1 Antibody - BSA Free NBP1-69246

Unit Size: 100 ul

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

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### Publications: 4

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**NBP1-69246**

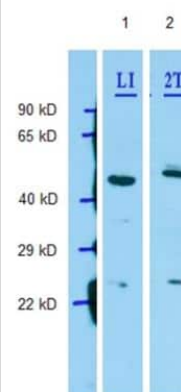
P2Y1/P2RY1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	42 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	5028
Gene Symbol	P2RY1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30277246).
Immunogen	Synthetic peptide directed towards the N terminal region of human P2Y1/P2RY1. The peptide sequence was selected from the N terminal of P2Y1/P2RY1 (NP_002554). VAIWMFVFHMKPWSGISVYMFNLALADFLYVLTLPALIFYFKNKTDWIFG. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml



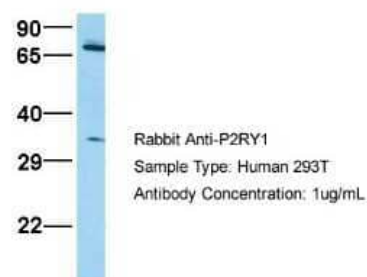
## Images

Western Blot: P2Y1/P2RY1 Antibody [NBP1-69246] - Lane 1: Human liver, 25 ug. Lane 2: HEK293 cells, 25 ug. Antibody at 1 ug/mL.

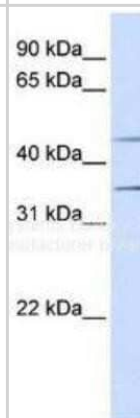


Western Blot: P2Y1/P2RY1 Antibody [NBP1-69246] - Analysis of 293T cell lysate. Antibody Dilution: 1.0 ug/ml.

### P2RY1



Western Blot: P2Y1/P2RY1 Antibody [NBP1-69246]



## Publications

Iannucci J, Rao HV, Grammas P High Glucose and Hypoxia-Mediated Damage to Human Brain Microvessel Endothelial Cells Induces an Altered, Pro-Inflammatory Phenotype in BV-2 Microglia In Vitro Elife 2020-10-19 [PMID: 33136275]

Wei W, Sun Z, He S et al. Mechanical ventilation induces lung and brain injury through ATP production, P2Y1 receptor activation and dopamine release Bioengineered 2022-02-01 [PMID: 35034579] (WB, Mouse)

O'Brien CE, Santos PT, Kulikowicz E et al. Neurologic effects of short-term treatment with a soluble epoxide hydrolase inhibitor after cardiac arrest in pediatric swine Elife 2020-10-19 [PMID: 33129262]

Meacham KA, Cortes MP, Wiggins EM et al. Altered zinc balance in the Atp7b<sup>-/-</sup> mouse reveals a mechanism of copper toxicity in Wilson disease. Metallomics. 2018-10-02 [PMID: 30277246] (WB, Mouse)



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### **Products Related to NBP1-69246**

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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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