

# Product Datasheet

## P2X2/P2RX2 Antibody - BSA Free NBP2-19655

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-19655**

P2X2/P2RX2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	52 kDa

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit P2X2/P2RX2 Antibody - BSA Free (NBP2-19655) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-P2X2/P2RX2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	22953
<b>Gene Symbol</b>	P2RX2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%).
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human P2X2/P2RX2. The exact sequence is proprietary.

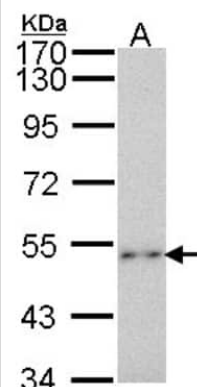
**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

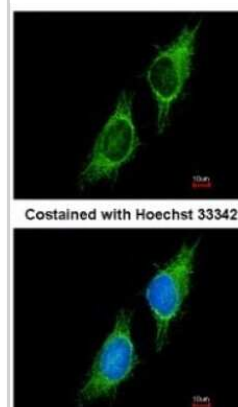


## Images

Western Blot: P2X2/P2RX2 Antibody [NBP2-19655] - Sample (30 ug of whole cell lysate) A: HeLa 7. 5% SDS PAGE gel, diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: P2X2/P2RX2 Antibody [NBP2-19655] - Analysis of methanol-fixed HeLa, using antibody at 1:200 dilution.



Immunohistochemistry-Paraffin: P2X2/P2RX2 Antibody [NBP2-19655] - Mouse fore brain [C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based) buffer, 15min.



## Publications

Godoy Pa, Mennickent D, Cuchillo-Ibanez I Et Al. Increased P2x2 receptors induced by amyloid-beta peptide participates in the neurotoxicity in alzheimer's disease Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie 2021-07-31 [PMID: 34343896] (WB)

Chen X, Abad C, Chen ZY et al. Generation and characterization of a P2rx2 V60L mouse model for DFNA41 Human molecular genetics 2021-03-31 [PMID: 33791800]



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### **Products Related to NBP2-19655**

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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
H00022953-P01-10ug	Recombinant Human P2X2/P2RX2 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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