

Product Datasheet

P2X7/P2RX7 Antibody NBP1-20180

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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NBP1-20180

P2X7/P2RX7 Antibody

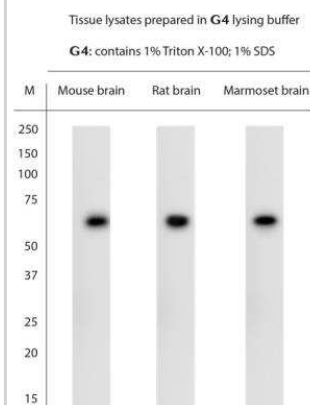
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	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 (0.025ml) is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description	
Host	Rabbit
Gene ID	5027
Gene Symbol	P2RX7
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Marmoset (100%).
Immunogen	A synthetic peptide from mouse P2X7 conjugated to blue carrier protein was used as the antigen.

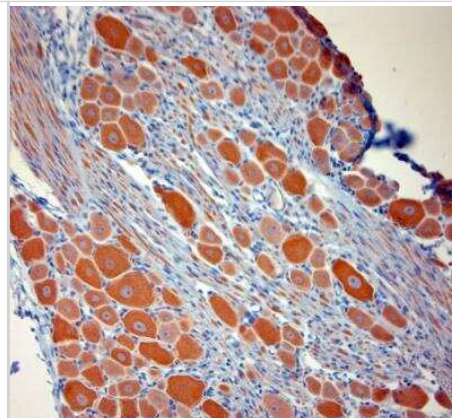
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:1000, Immunohistochemistry-Paraffin 1:1000

Images

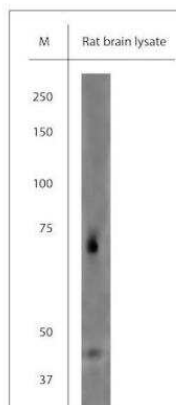
Western Blot: P2X7/P2RX7 Antibody [NBP1-20180] - WB on brain lysates. Blocking: 1% LFDM for 30 min at RT; primary antibody: dilution 1:5000 incubated at 4C overnight.



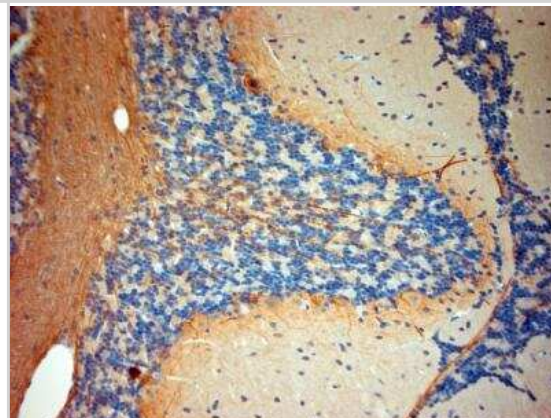
Immunohistochemistry-Paraffin: P2X7/P2RX7 Antibody [NBP1-20180] - IHC-P on paraffin sections of rat DRG. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using Novolink HRP polymer; DAB chromogen: Candela DAB chromogen. Primary antibody: dilution 1: 2000, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin



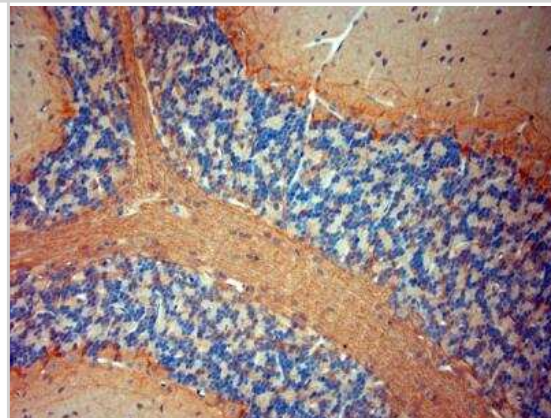
Western Blot: P2X7/P2RX7 Antibody [NBP1-20180] - Rat brain lysate using Rabbit antibody to P2RX7 at 1:500 dilution. Incubated 30 min at RT with shake. Blocking: 0.5% LFDM in 1x PBS containing 0.1% Tween-20



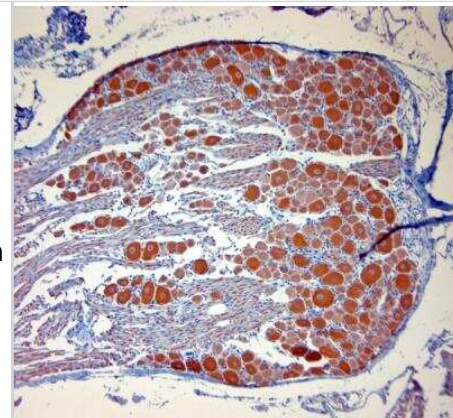
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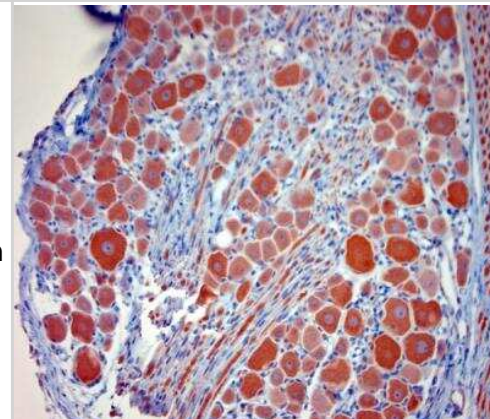
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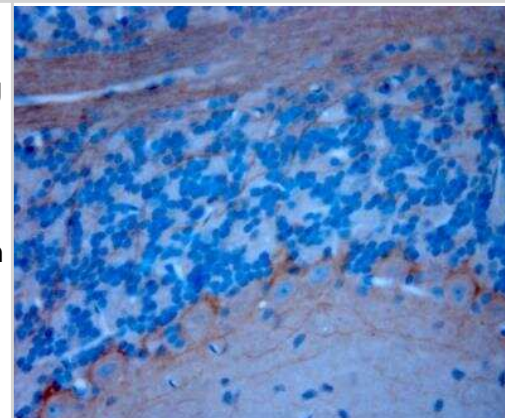
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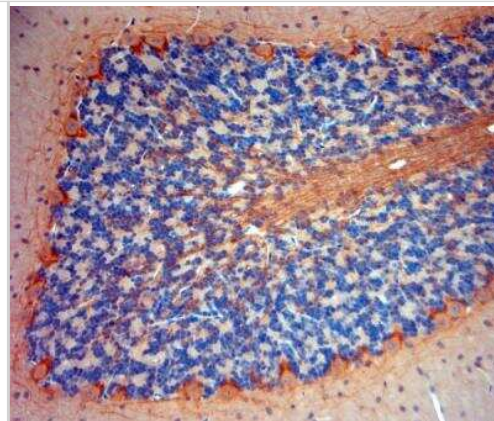
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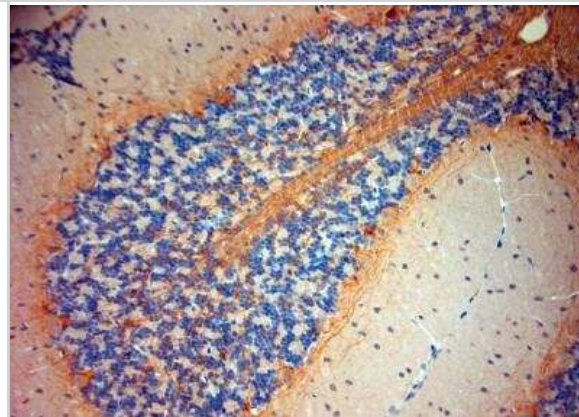
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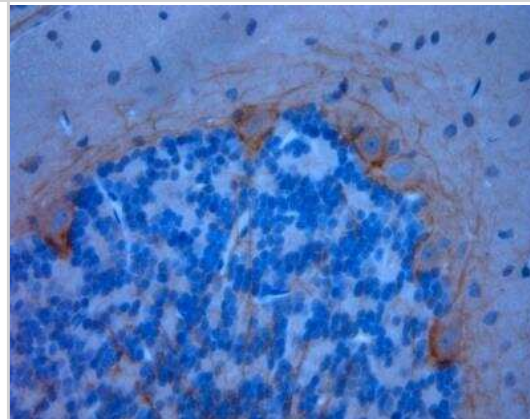
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Publications

Bai X, Li Q, Peng X et al. P2X7 receptor promotes migration and invasion of non-small cell lung cancer A549 cells through the PI3K/Akt pathways Purinergic signalling 2023-03-01 [PMID: 36854856]

Ma Y, Di R, Zhao H et al. P2X7 receptor knockdown suppresses osteoclast differentiation by inhibiting autophagy and Ca²⁺/calcineurin signaling Molecular medicine reports 2022-05-01 [PMID: 35266012] (WB, Mouse)



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H00005027-P01-2ug	Recombinant Human P2X7/P2RX7 GST (N-Term) Protein

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