

# Product Datasheet

## P2X4 Antibody - BSA Free NBP1-92239

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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**NBP1-92239**

P2X4 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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

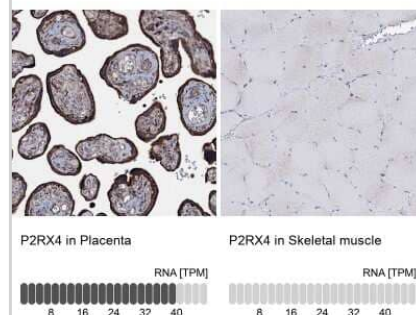
<b>Host</b>	Rabbit
<b>Gene ID</b>	5025
<b>Gene Symbol</b>	P2RX4
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YCMKKRLYYREKKYKYVEDYEQGLASELDQ

**Product Application Details**

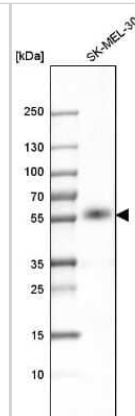
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

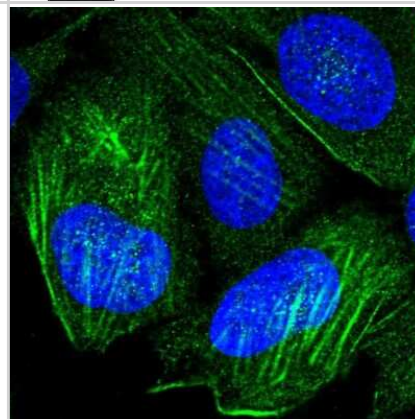
Immunohistochemistry-Paraffin: P2X4 Antibody [NBP1-92239] - Staining in human placenta and skeletal muscle tissues . Corresponding P2RX4 RNA-seq data are presented for the same tissues.



Western Blot: P2X4 Antibody [NBP1-92239] - Analysis in human cell line SK-MEL-30.



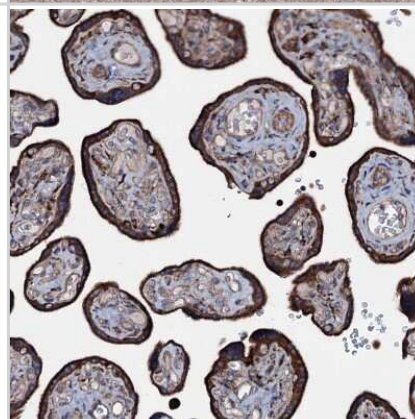
Immunocytochemistry/Immunofluorescence: P2X4 Antibody [NBP1-92239] - Staining of human cell line U-2 OS shows localization to cytosol & actin filaments. Antibody staining is shown in green.



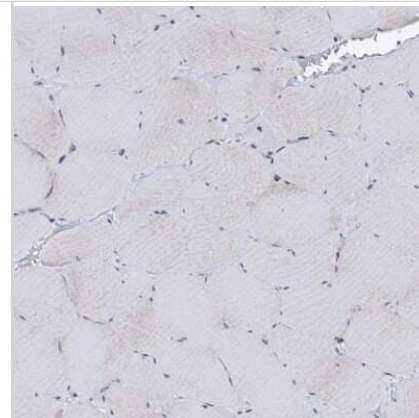
Immunohistochemistry-Paraffin: P2X4 Antibody [NBP1-92239] - Staining of human cerebral cortex shows positivity in neurons.



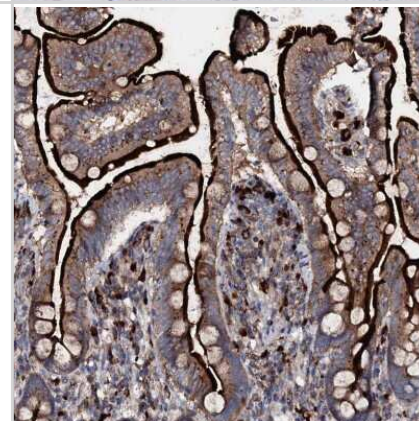
Immunohistochemistry-Paraffin: P2X4 Antibody [NBP1-92239] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: P2X4 Antibody [NBP1-92239] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



Immunohistochemistry-Paraffin: P2X4 Antibody [NBP1-92239] - Staining of human small intestine shows positivity in luminal membrane in glandular cells.





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### **Products Related to NBP1-92239**

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NBP1-92239PEP	P2X4 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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