

# Product Datasheet

## P2X4 Antibody NBP1-00141

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-00141****P2X4 Antibody****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. 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>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

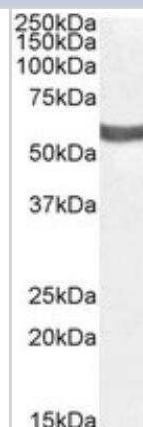
<b>Host</b>	Goat
<b>Gene ID</b>	5025
<b>Gene Symbol</b>	P2RX4
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-YREKKYKYVEDYEQ corresponding to C-Terminus according to NP_002551.2.

**Product Application Details**

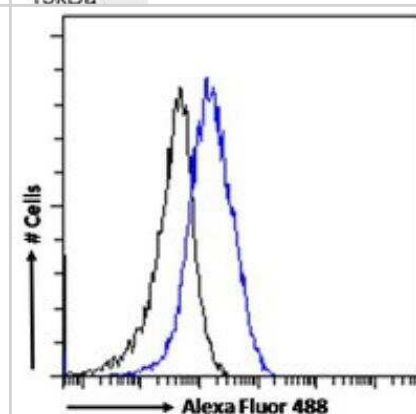
<b>Applications</b>	Western Blot, Flow Cytometry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:128000

**Images**

Western Blot: P2X4 Antibody [NBP1-00141] - Staining of Human Kidney lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Flow Cytometry: P2X4 Antibody [NBP1-00141] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Yeung D, Kharidia R, Brown SC, Gorecki DC. Enhanced expression of the P2X4 receptor in Duchenne muscular dystrophy correlates with macrophage invasion. Neurobiol Dis 2004-03-01 [PMID: 15006691]

Brown DA, Bruce JI, Straub SV et al. cAMP potentiates ATP-evoked calcium signaling in human parotid acinar cells. J Biol Chem 2004-09-01 [PMID: 15262999]





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### **Products Related to NBP1-00141**

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NBP2-59721	P2X4 Antibody Blocking Peptide
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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