

# Product Datasheet

## P2X4 Antibody NBP1-00141

Unit Size: 0.1 mg

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

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### Publications: 2

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**NBP1-00141**

## P2X4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

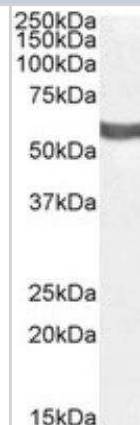
Product Description	
Description	Novus Biologicals Goat P2X4 Antibody (NBP1-00141) is a polyclonal antibody validated for use in WB, ELISA and Flow. Anti-P2X4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5025
Gene Symbol	P2RX4
Species	Human
Immunogen	Peptide with sequence C-YREKKYKYVEDYEQ corresponding to C-Terminus according to NP_002551.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:128000

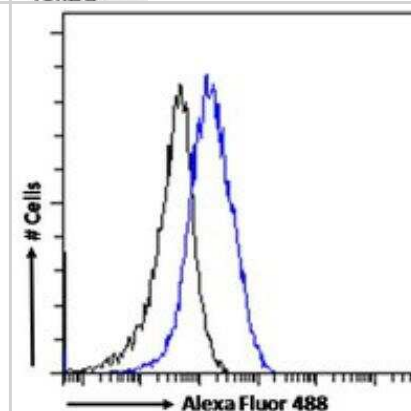


## Images

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
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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