

Product Datasheet

P2X4 Antibody NBP2-27567

Unit Size: 0.1 mg

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

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NBP2-27567

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

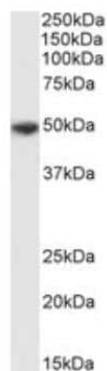
Product Description	
Description	Novus Biologicals Goat P2X4 Antibody (NBP2-27567) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-P2X4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5025
Gene Symbol	P2RX4
Species	Human
Immunogen	Peptide with sequence C-ETDSVSSVTTKAK corresponding to internal region according to NP_035156.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 48-50 kDa band observed in lysates of cell line A549 (calculated MW of 43.4 kDa according to Human NP_002551.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Mouse and Rat Kidney and Liver for this particular batch. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 cells.

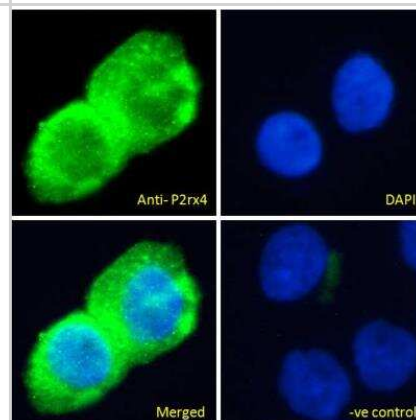


Images

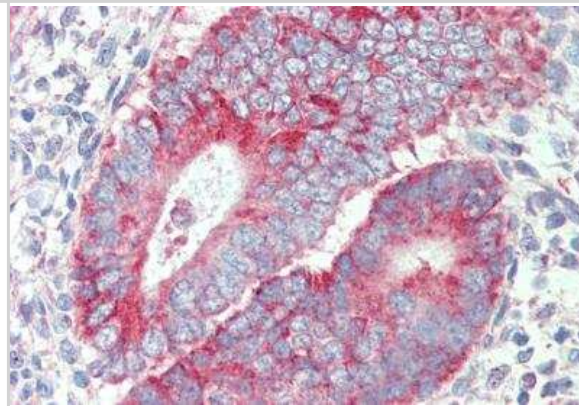
Western Blot: P2X4 Antibody [NBP2-27567] - Staining of A549 cell lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: P2X4 Antibody [NBP2-27567] - Analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (4 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (4 ug/mL).



Immunohistochemistry-Paraffin: P2X4 Antibody [NBP2-27567] - Staining of paraffin embedded Human Uterus. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Freeman KW, Bowman BR, Zetter BR. Regenerative protein thymosin beta-4 is a novel regulator of purinergic signaling. *FASEB J* 2011-03-01 [PMID: 21106936]



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Products Related to NBP2-27567

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

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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