

## Anti-P2X7 Rabbit pAb



WL06216

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-P2X7 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:200
	IF	1:200
<b>Cellular localization</b>	Cell membrane	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	Nucleotides, the structural subunits of the nucleic acids, are also important extracellular signaling molecules. P2 receptors are a family of cell surface receptors that mediate a wide variety of physiologic effects in response to extracellular nucleotides. P2RX7 functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P2X7.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

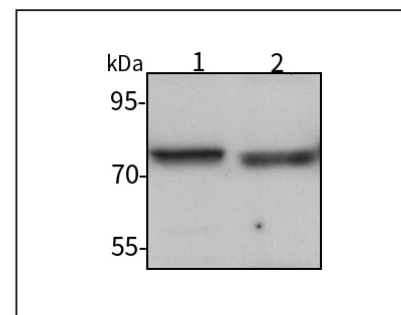
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## Product Images



## Western blot-Anti-P2X7 pAb

Lane 1: Mouse brain tissue lysate

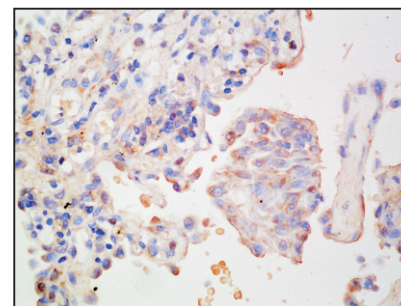
Lane 2: Mouse cerebellum tissue lysate

All lanes: Anti-P2X7 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 69 kDa

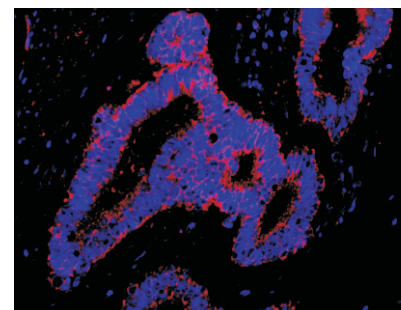
Observed band size: 70-80 kDa



## Immunohistochemistry-Anti-P2X7 pAb

Immunohistochemical analysis of paraffin-embedded human lung using anti-P2X7 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



## Immunofluorescence-Anti-P2X7 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-P2X7 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

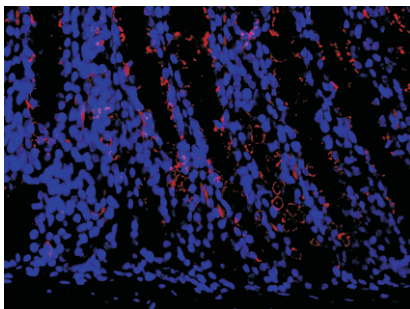
# Anti-P2X7Rabbit pAb



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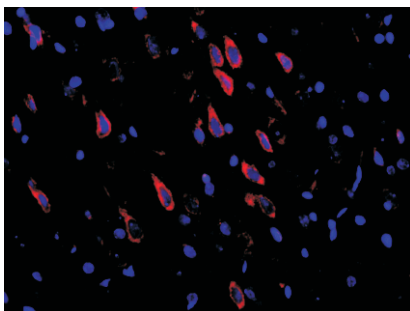
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### Immunofluorescence-Anti-P2X7 pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-P2X7 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



### Immunofluorescence-Anti-P2X7 pAb

Immunofluorescence analysis of paraffin-embedded rat brain using anti-P2X7 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0