

**P2RX7 rabbit pAb**

<b>Catalog No :</b>	YT8119
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;WB
<b>Target :</b>	P2RX7
<b>Gene Name :</b>	P2RX7
<b>Protein Name :</b>	P2X purinoceptor 7 (P2X7) (ATP receptor) (P2Z receptor) (Purinergic receptor)
<b>Human Gene Id :</b>	5027
<b>Human Swiss Prot No :</b>	Q99572
<b>Mouse Gene Id :</b>	18439
<b>Mouse Swiss Prot No :</b>	Q9Z1M0
<b>Rat Gene Id :</b>	29665
<b>Rat Swiss Prot No :</b>	Q64663
<b>Immunogen :</b>	Synthesized peptide derived from human C-terminal P2RX7
<b>Specificity :</b>	This antibody detects endogenous levels of P2RX7 at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IHC 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	<u>1 mg/ml</u>
<b>Storage Stability :</b>	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
<b>Molecularweight :</b>	<u>65kD</u>
<b>Function :</b>	<u>Receptor for ATP that acts as a ligand-gated ion channel. Responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells. In the absence of its natural ligand, ATP, functions as a scavenger receptor in the recognition and engulfment of apoptotic cells .</u>
<b>Subcellular Location :</b>	<u>Cell membrane ; Multi-pass membrane protein .</u>
<b>Expression :</b>	<u>Widely expressed with highest levels in brain and immune tissues.</u>

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