

P2RX7 rabbit pAb

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

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 65kD**Function :** 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 .**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .**Expression :** Widely expressed with highest levels in brain and immune tissues.

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