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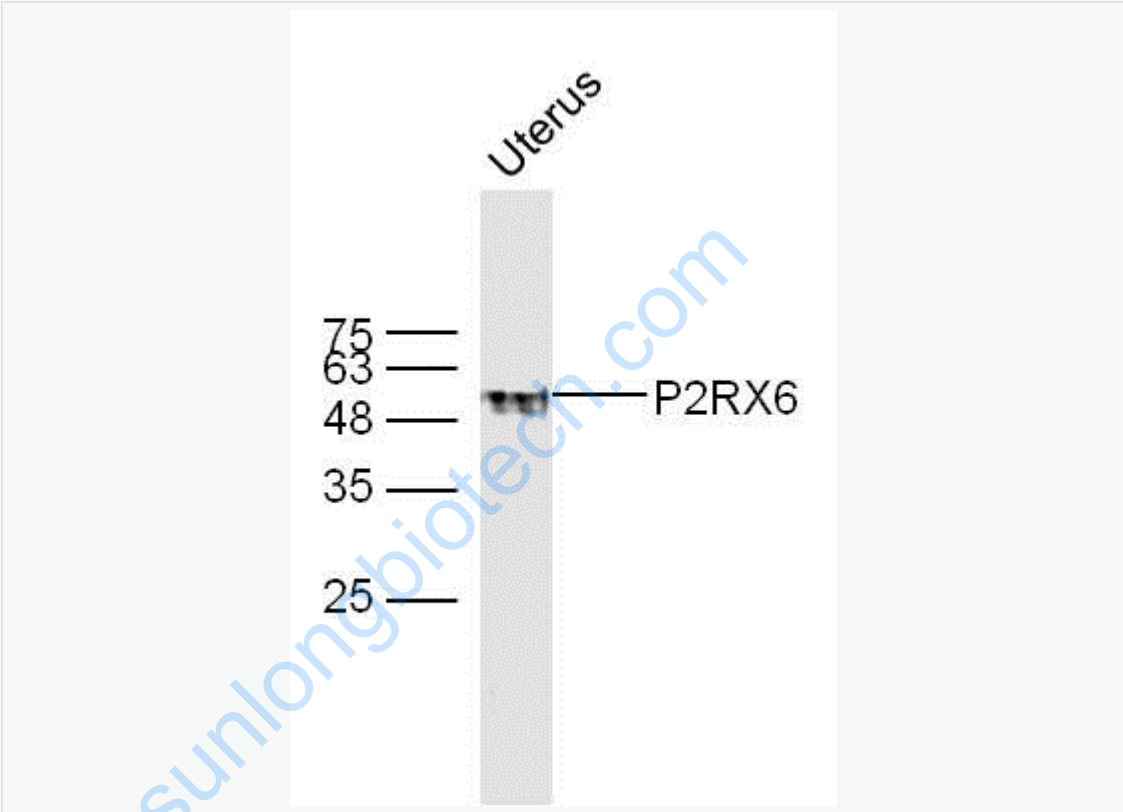
Rabbit Anti-P2RX6 antibody

SL12110R

Product Name:	P2RX6
Chinese Name:	三磷酸腺苷受体P2X6抗体
Alias:	ATP receptor; P2RX6; P2RX6_HUMAN; P2RXL1; P2X purinoceptor 6; P2X6; P2XM; Purinergic receptor; Purinergic receptor P2X like 1; Purinergic receptor P2X-like 1; Skeletal muscle expressed P2X.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human P2RX6:55-160/441<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The P2X receptor family is comprised of ligand-gated ion channels that allow for the increased permeability of calcium into the cell in response to extracellular ATP. The seven P2X receptors, P2X1-P2X7, form either homomeric or heteromeric channels or both. They are characterized by intracellular amino- and carboxy-termini. P2X receptors

	are expressed in a wide variety of tissues, including neurons, prostate, bladder, pancreas, colon, testis and ovary. The major function of the P2X receptors is to mediate synaptic transmissions between neurons and to other tissues via the binding of extracellular ATP, which acts as a neurotransmitter. The P2X receptors may be involved in the onset of necrosis or apoptosis after prolonged exposure to high concentrations of extracellular ATP. **Function:** Receptor for ATP that acts as a ligand-gated ion channel. **Subunit:** Functional P2XRs are organized as homomeric and heteromeric trimers **Subcellular Location:** Membrane; Multi-pass membrane protein. **Tissue Specificity:** Expressed predominantly in skeletal muscle. **Similarity:** Belongs to the P2X receptor family. **SWISS:** O15547 **Gene ID:** 9127 **Database links:** Entrez Gene: 9127Human Entrez Gene: 18440Mouse Entrez Gene: 25041Rat Omim: 608077Human SwissProt: O15547Human SwissProt: O54803Mouse SwissProt: P51579Rat Unigene: 113275Human Unigene: 8032Mouse Unigene: 10258Rat

	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Uterus (Mouse) Lysate at 40 ug Primary: Anti-P2RX6 (SL12110R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 49 kD