



Rabbit Anti-P2X2 antibody

SL23813R

Product Name:	P2X2
Chinese Name:	三磷酸腺苷受体受体P2X2抗体
Alias:	ATP receptor; P2RX 2; P2RX2; P2RX2_HUMAN; P2X purinoceptor 2; P2X Receptor subunit 2; P2X2; P2X2a; Purinergic receptor; Purinergic receptor P2X ligand gated ion channel 2; Purinergic receptor P2X2 isoform A; Purinergic receptor P2X2 isoform B; Purinergic receptor P2X2 isoform C; Purinergic receptor P2X2 isoform D; Purinergic receptor P2X2 isoform H; Purinergic receptor P2X2 isoform I; MGC129601.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=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:	52kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human P2X2:51-150/471<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 product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission

between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]

Function:

Binding of this ligand-gated ion channel to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle.

Subunit:

Functional P2XRs are organized as homomeric and heteromeric trimers.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Similarity:

Belongs to the P2X receptor family.

SWISS:

Q9UBL9

Gene ID:

22953

Database links:

[Entrez Gene: 22953](#)Human

[Entrez Gene: 231602](#)Mouse

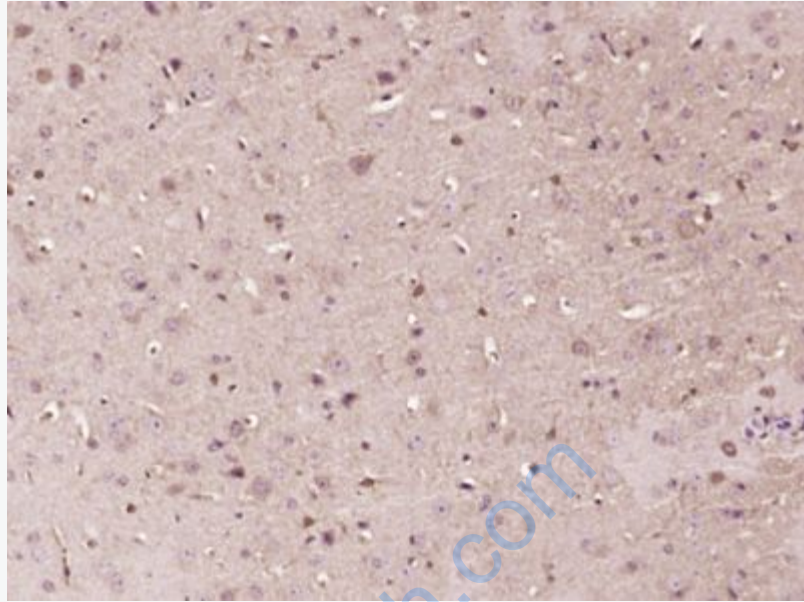
[Omim: 600844](#)Human

[SwissProt: Q9UBL9](#)Human

[Unigene: 258580](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P2X2) Polyclonal Antibody, Unconjugated (SL23813R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.