

P2X5 Antibody (R31718)

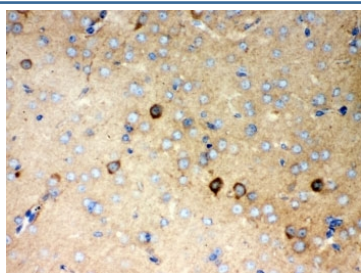
Catalog No.	Formulation	Size
R31718	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

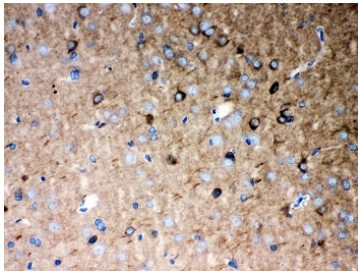
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	5026
Localization	Cytoplasmic & Membrane
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This P2X5 antibody is available for research use only.



Western blot testing of P2X5 antibody and rat brain lysate. Predicted/observed molecular weight: ~48 kDa.



IHC-P: P2X5 antibody testing of mouse brain tissue



IHC-P: P2X5 antibody testing of rat brain tissue

Description

P2X purinoceptor 5 is a protein that in humans is encoded by the P2RX5 gene. The product of this gene belongs to the family of purinoceptors for ATP. P2X5 functions as a ligand-gated ion channel. Several characteristic motifs of ATP-gated channels are present in its primary structure, but, unlike other members of the purinoceptors family, this receptor has only a single transmembrane domain. Quantitative dot blots revealed that P2X5 expression is highest in brain and immune system and is developmentally regulated.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the P2X5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 333-422) was used as the immunogen for this P2X5 antibody.

Storage

After reconstitution, the P2X5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.