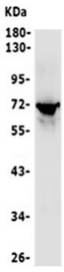
P2RX7 Antibody (RQ5904)

Catalog No.	Formulation	Size
RQ5904	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Z1M0
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This P2RX7 antibody is available for research use only.



Western blot testing of mouse Neuro-2a cell lysate with P2RX7 antibody. Predicted molecular weight ~69 kDa.

Description

P2X purinoceptor 7, also called P2X7, is a protein that in humans is encoded by the P2RX7 gene. The product of this gene belongs to the family of purnoceptors for ATP. P2RX7 was mapped to chromosome 12q24 by fluorescence in situ hybridization. It is a receptor for ATP that acts as a ligand-gated ion channel. This gene is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. It could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells.

Application Notes

Optimal dilution of the P2RX7 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids N380-E585) was used as the immunogen for the P2RX7 antibody.

Storage

After reconstitution, the P2RX7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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