

For Research Use Only

P2RX6 Recombinant antibody

Catalog Number: 84458-4-RR



Basic Information

Catalog Number:

84458-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12331

GenBank Accession Number:

BC033488

GeneID (NCBI):

9127

UNIPROT ID:

O15547

Full Name:

purinergic receptor P2X, ligand-gated ion channel, 6

Calculated MW:

431 aa, 48 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

241620B10

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse skeletal muscle tissue,

Background Information

The P2 receptors have two subfamilies in mammalian cells, P2X and P2Y. P2X family of ligand-gated ion channel receptors have seven members, P2RX1-7, which all constitute non-selective cation channels proposed to be functional under a homo- or heterotrimeric association. P2RX6 is predominantly expressed in skeletal muscle, and regulated by p53. It's reported that ATP might increase renal cell carcinoma cells migration and invasion through P2RX6.(PMID: 31159832, PMID:9242461)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

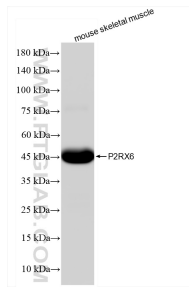
T: 4006900926

E: Proteintech-CN@ptglab.com

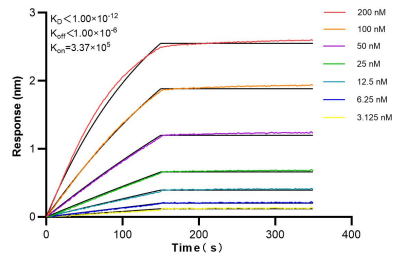
W: ptgcn.com

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Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 84458-4-RR (P2RX6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84458-4-RR against Human P2RX6 were performed. The affinity constant is below 1 pM.