

For Research Use Only

KCNH7 Recombinant antibody

Catalog Number: 83674-1-RR



Basic Information

Catalog Number:

83674-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4532

GenBank Accession Number:

BC035815

GeneID (NCBI):

90134

UNIPROT ID:

Q9NS40

Full Name:

potassium voltage-gated channel, subfamily H (eag-related), member 7

Calculated MW:

1196 aa, 135 kDa

Observed MW:

135 kDa

Purification Method:

Protein A purification

CloneNo.:

240644B5

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB: mouse brain tissue, pig brain tissue, rat brain tissue

Background Information

Potassium voltage-gated channel subfamily H member 7 is a protein that in humans is encoded by the KCNH7 gene. The protein encoded by this gene is a voltage-gated potassium channel subunit. KCNH7 is pore-forming (alpha) subunit of voltage-gated potassium channel. Channel properties may be modulated by cAMP and subunit assembly.

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:

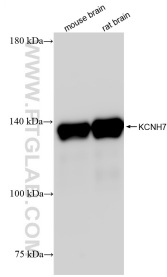
T: 4006900926

E: Proteintech-CN@ptglab.com

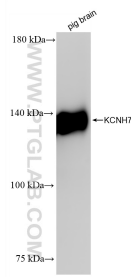
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

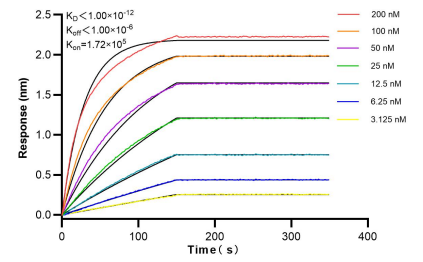
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83674-1-RR (KCNH7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



pig brain tissue were subjected to SDS PAGE followed by western blot with 83674-1-RR (KCNH7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83674-1-RR against Human KCNH7 were performed. The affinity constant is below 1 pM.