

For Research Use Only

KCNH7 Polyclonal antibody

Catalog Number: 13622-1-AP

1 Publications



Basic Information

Catalog Number:

13622-1-AP

Size:

150ul , Concentration: 200 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, mouse brain tissue

IP : mouse brain tissue,

IHC : human heart tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Jürgen R Schwarz	39365861	Sci Adv	

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

*** 20ul sizes contain 0.1% BSA

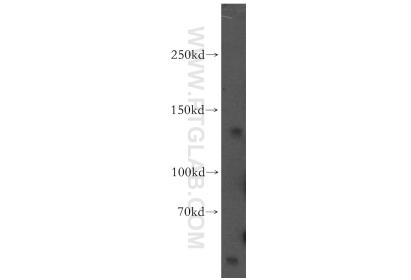
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

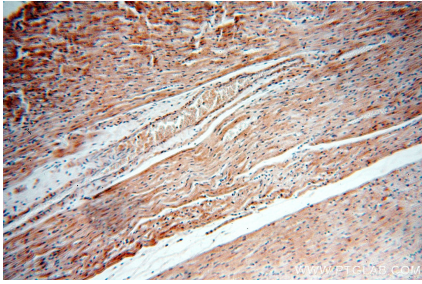
E: proteintech@ptglab.com
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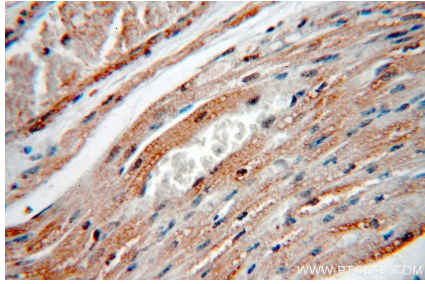
Selected Validation Data



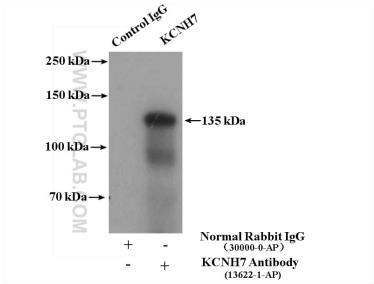
human brain tissue were subjected to SDS PAGE followed by western blot with 13622-1-AP (KCNH7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 13622-1-AP (KCNH7 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 13622-1-AP (KCNH7 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-KCNH7 (IP:13622-1-AP, 4ug; Detection:13622-1-AP 1:300) with mouse brain tissue lysate 5200ug.