

For Research Use Only

KCNS2 Polyclonal antibody

Catalog Number: 13443-1-AP



Basic Information

Catalog Number:

13443-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4271

GenBank Accession Number:

BC027932

GeneID (NCBI):

3788

UNIPROT ID:

Q9ULS6

Full Name:

potassium voltage-gated channel, delayed-rectifier, subfamily S, member 2

Calculated MW:

477 aa, 54 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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 : Y79 cells, HepG2 cells, mouse brain tissue

IP : HepG2 cells,

IHC : human eye tissue,

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)

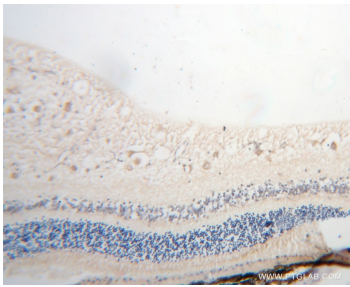
E: proteintech@ptglab.com
W: ptglab.com

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

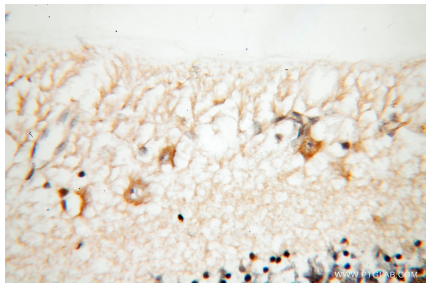
Selected Validation Data



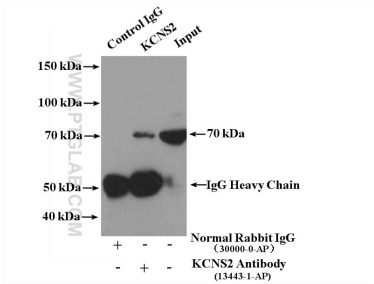
Y79 cells were subjected to SDS PAGE followed by western blot with 13443-1-AP (KCNS2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human eye using 13443-1-AP (KCNS2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human eye using 13443-1-AP (KCNS2 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-KCNS2 (IP:13443-1-AP, 4ug; Detection:13443-1-AP 1:300) with HepG2 cells lysate 3400ug.