

For Research Use Only

KCNIP3 Polyclonal antibody

Catalog Number: 12032-1-AP



Basic Information

Catalog Number:
12032-1-AP

Size:
150UL, Concentration: 1000 µg/ml by
Nanodrop and 400 µg/ml by Bradford
method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2665

GenBank Accession Number:
BC012850

GeneID (NCBI):

Full Name:
Kv channel interacting protein 3,
calsenilin

Calculated MW:
256 aa, 29 kDa

Observed MW:
29 kDa, 27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:2000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Species Specificity:
human, mouse

**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: mouse brain tissue, human brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue,

IF: SH-SY5Y cells,

Background Information

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

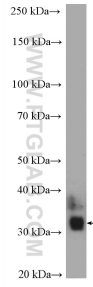
For technical support and original validation data for this product please contact:

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

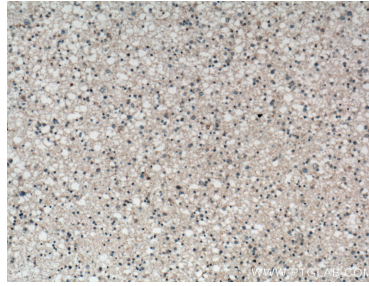
E: proteintech@ptglab.com
W: ptglab.com

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

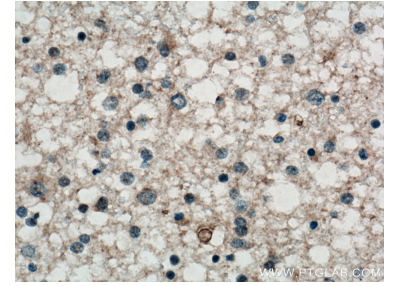
Selected Validation Data



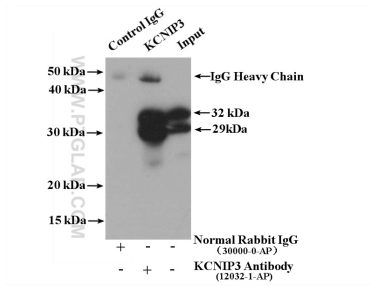
mouse brain tissue were subjected to SDS PAGE followed by western blot with 12032-1-AP (KCNI3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



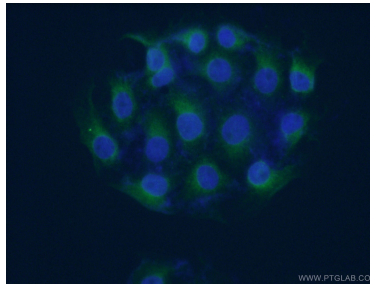
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12032-1-AP (KCNI3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12032-1-AP (KCNI3 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-KCNI3 (IP:12032-1-AP, 4ug; Detection:12032-1-AP 1:1000) with mouse brain tissue lysate 4400 ug.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using 12032-1-AP (KCNI3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).