

For Research Use Only

KCNQ2 Monoclonal antibody

Catalog Number: 66774-1-Ig **3 Publications**



Basic Information

Catalog Number:

66774-1-Ig

Concentration:

1500 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG25781

GenBank Accession Number:

BC000699

GeneID (NCBI):

3785

UNIPROT ID:

O43526

Full Name:

potassium voltage-gated channel,
KQT-like subfamily, member 2

Calculated MW:

96 kDa

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

1D4A1

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:300-1:1200

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat, pig

Cited Species:

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

IHC : mouse brain tissue,

IF/ICC : U2OS cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Chunfang Xu	35014584	Clin Exp Hypertens	WB
Emma V Parkins	38082035	Sci Rep	WB
Shicheng Jiang	38049972	Hippocampus	WB,IF

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

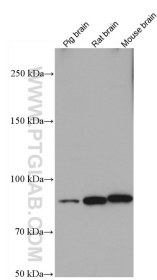
T: 4006900926

E: Proteintech-CN@ptglab.com

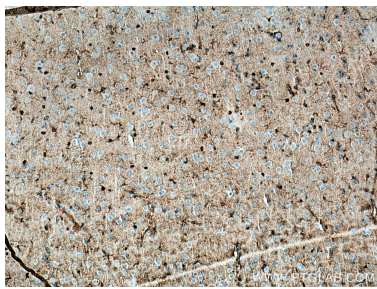
W: ptgcn.com

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

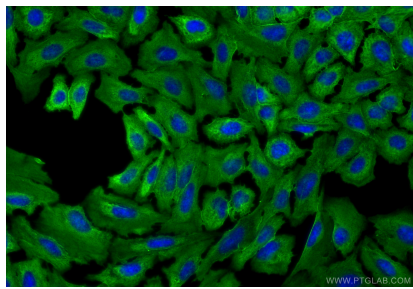
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66774-1-Ig (KCNQ2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66774-1-Ig (KCNQ2 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using KCNQ2 antibody (66774-1-Ig, Clone: 1D4A1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).