

ANO10 Polyclonal antibody

Catalog Number: 21901-1-AP

1 Publications

Basic Information

Catalog Number:

21901-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13983

GenBank Accession Number:

BC038855

GeneID (NCBI):

55129

UNIPROT ID:

Q9NW15

Full Name:

anoctamin 10

Calculated MW:

660 aa, 76 kDa

Observed MW:

76 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

human

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,

IP : mouse brain tissue,

IHC : human testis tissue,

Background Information

ANO10, also named as TMEM16K, is 660 amino acid protein, which belongs to the anoctamin family. ANO10 does not exhibit calcium-activated chloride channel activity and can inhibit the activity of ANO1. ANO10 is highly expressed in the brain. ANO10 may have an association with Spinocerebellar ataxia, autosomal recessive, 10.

Notable Publications

Author	Pubmed ID	Journal	Application
Ran Ning	37293146	Am J Cancer Res	IHC

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

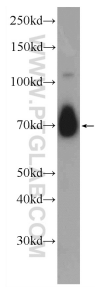
For technical support and original validation data for this product please contact:

T: 4006900926

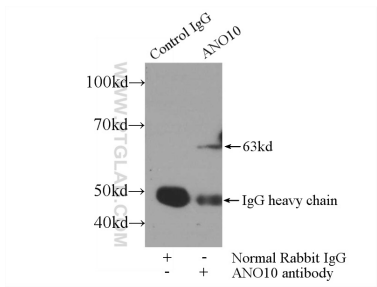
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

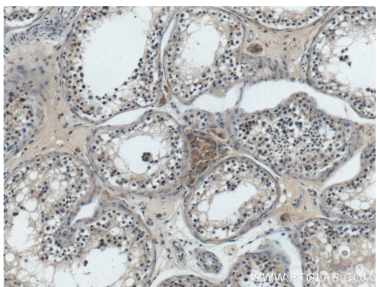
Selected Validation Data



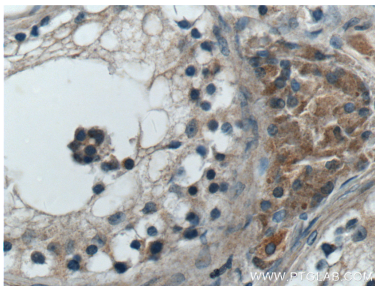
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21901-1-AP (ANO10 Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



IP result of anti-ANO10 (IP:21901-1-AP, 3ug; Detection:21901-1-AP 1:500) with mouse brain tissue lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21901-1-AP (ANO10 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21901-1-AP (ANO10 Antibody) at dilution of 1:200 (under 40x lens).