

For Research Use Only

ANO10 Polyclonal antibody

Catalog Number: 21901-1-AP **1 Publications**



Basic Information

Catalog Number: 21901-1-AP	GenBank Accession Number: BC038855	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55129	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:50-1:500
Source: Rabbit	Full Name: anoctamin 10	
Isotype: IgG	Calculated MW: 660 aa, 76 kDa	
Immunogen Catalog Number: AG13983	Observed MW: 76 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IHC	WB : mouse brain tissue,
Species Specificity: human, mouse	IP : mouse brain tissue,
Cited Species: human	IHC : human testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

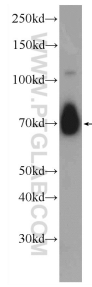
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

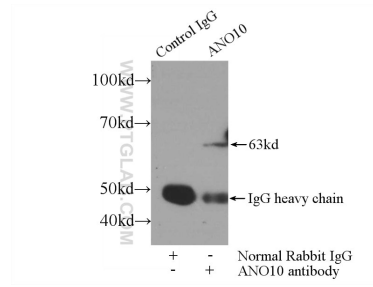
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

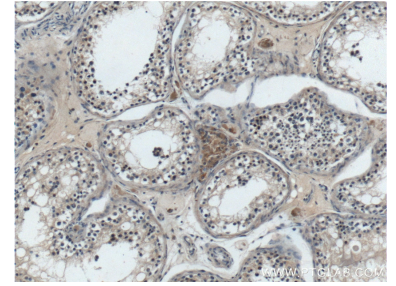
Selected Validation Data



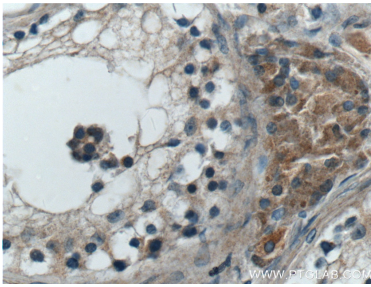
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21901-1-AP (ANO10 Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



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).