

For Research Use Only

ANO2 Polyclonal antibody, PBS Only

Catalog Number: 20647-1-PBS

Featured Product



Basic Information

Catalog Number:

20647-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020373

GeneID (NCBI):

57101

UNIPROT ID:

Q9NQ90

Full Name:

anoctamin 2

Calculated MW:

114 kDa

Observed MW:

114 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ANO2, also named as C12orf3 and TMEM16B, belongs to the anoctamin family. It acts as a calcium-activated chloride channel (CaCC), mostly in photoreceptors. It may mediate olfactory amplification in olfactory sensory neurons (OSNs) and light perception amplification in retina.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

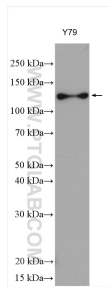
For technical support and original validation data for this product please contact:

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

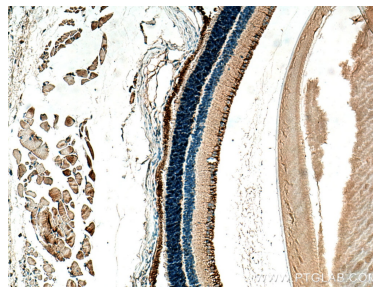
E: proteintech@ptglab.com
W: ptglab.com

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

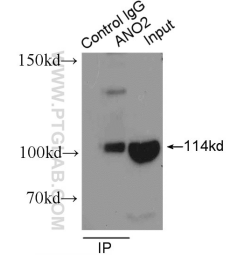
Selected Validation Data



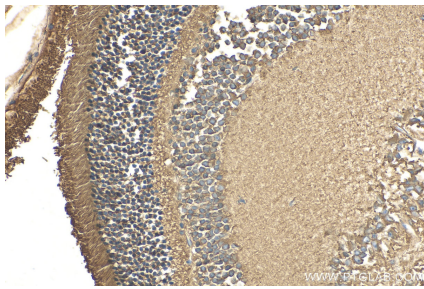
Y79 cells were subjected to SDS PAGE followed by western blot with 20647-1-AP (ANO2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.



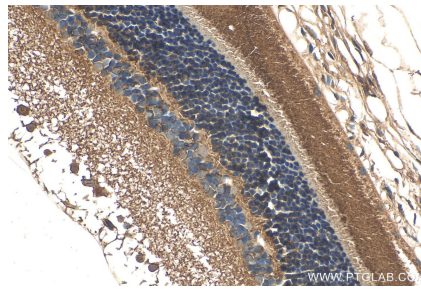
Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 20647-1-AP (ANO2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.



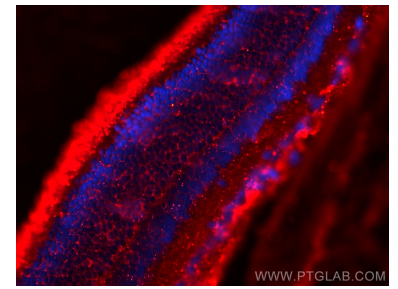
IP result of anti-ANO2 (IP:20647-1-AP, 4ug; Detection:20647-1-AP 1:300) with mouse brain tissue lysate 10000ug. This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 20647-1-AP (ANO2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 20647-1-AP (ANO2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat eye tissue using ANO2 antibody (20647-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20647-1-PBS in a different storage buffer formulation.