

For Research Use Only

# ANO4 Recombinant antibody, PBS Only

Catalog Number: 82970-1-PBS

Featured Product



## Basic Information

Catalog Number:

82970-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_178826

GeneID (NCBI):

121601

UNIPROT ID:

Q32M45

Full Name:

anoctamin 4

Calculated MW:

111 kDa

Observed MW:

100-111 kDa

Purification Method:

Protein A purification

CloneNo.:

230308G1

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

## Background Information

ANO4, also named as TMEM16D, belongs to the anoctamin family. ANO4 is primarily expressed in the central nervous system and certain endocrine glands, and it has been linked to a variety of neurological disorders (PMID: 36836529). The antibody recognize the isoform1 and isoform2 of ANO4.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

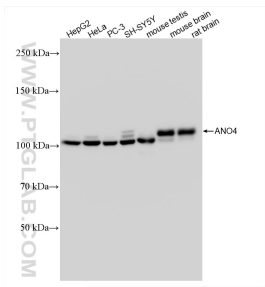
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

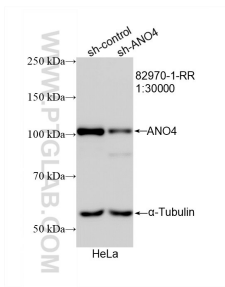
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82970-1-RR (ANO4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82970-1-PBS in a different storage buffer formulation.



WB result of ANO4 antibody (82970-1-RR; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ANO4 transfected HeLa cells. This data was developed using the same antibody clone with 82970-1-PBS in a different storage buffer formulation.