

For Research Use Only

# ANO4 Recombinant antibody

Catalog Number: 82970-1-RR

Featured Product



## Basic Information

Catalog Number:

82970-1-RR

Size:

100ul , Concentration: 1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells, PC-3 cells, SH-SY5Y cells,  
mouse testis tissue, mouse brain tissue, rat brain  
tissue

## 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 -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

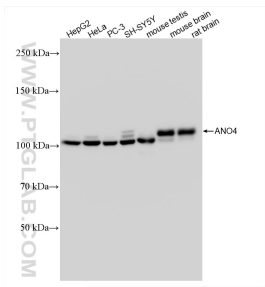
For technical support and original validation data for this product please contact:

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

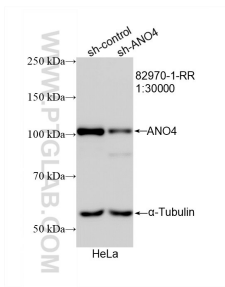
E: proteintech@ptglab.com  
W: ptglab.com

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

Selected Validation Data



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.



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.