

For Research Use Only



# CoraLite® Plus 750-conjugated ANO4 Recombinant antibody

Catalog Number:CL750-82970

## Basic Information

Catalog Number:

CL750-82970

Size:

1000 µg/ml

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 1:1000-1:4000

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, PC-3 cells

## 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. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

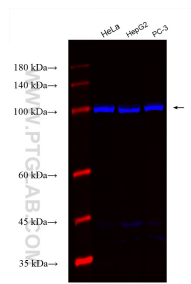
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 CL750-82970 (ANO4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.