

For Research Use Only

# ANO4 Polyclonal antibody

Catalog Number: 19488-1-AP

1 Publications



## Basic Information

Catalog Number:

19488-1-AP

Size:

150ul , Concentration: 700 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:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Debbie A E Hendrickx	29312322	Front Immunol	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

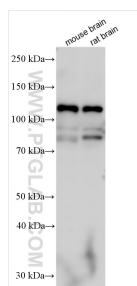
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19488-1-AP (ANO4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.