

For Research Use Only

# NHEDC2 Polyclonal antibody

Catalog Number: 24065-1-AP



## Basic Information

### Catalog Number:

24065-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 327 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG21141

### GenBank Accession Number:

BC047447

### GeneID (NCBI):

133308

### UNIPROT ID:

Q86UD5

### Full Name:

Na<sup>+</sup>/H<sup>+</sup> exchanger domain containing 2

### Calculated MW:

537 aa, 58 kDa

### Observed MW:

~55 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human

### Positive Controls:

WB : human plasma tissue,

IHC : human brain tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

NHEDC2, also named as NHA2 and SLC9B2, contributes to the organellar volume homeostasis. It is required for osteoclast differentiation and bone resorption activity. NHEDC2 has two isoforms with MW 48 kDa and 58 kDa.

## 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

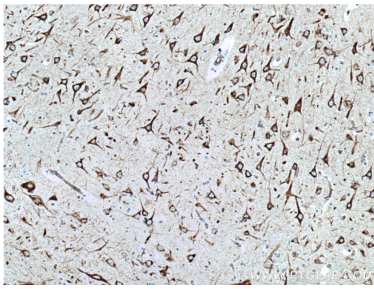
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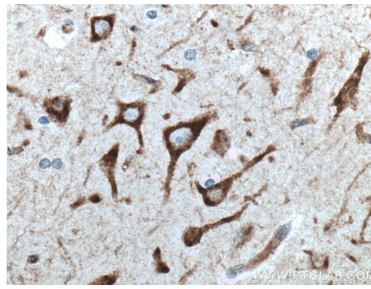
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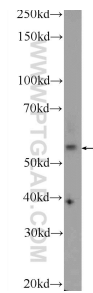
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24065-1-AP (NHEDC2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 24065-1-AP (NHEDC2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human plasma were subjected to SDS PAGE followed by western blot with 24065-1-AP (NHEDC2 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.