

For Research Use Only

NHEDC2 Polyclonal antibody

Catalog Number: 24065-1-AP



Basic Information

Catalog Number: 24065-1-AP	GenBank Accession Number: BC047447	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 133308	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: Na ⁺ /H ⁺ exchanger domain containing 2	
Isotype: IgG	Calculated MW: 537 aa, 58 kDa	
Immunogen Catalog Number: AG21141	Observed MW: ~55 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

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

Positive Controls:

WB : human plasma tissue,

IHC : human brain tissue,

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

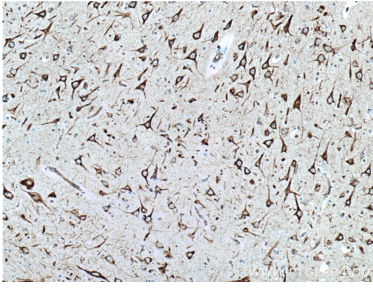
For technical support and original validation data for this product please contact:

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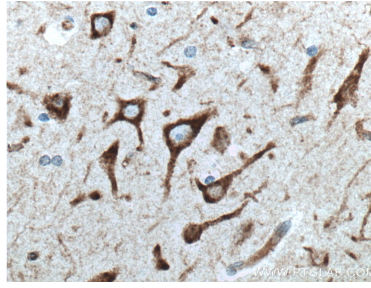
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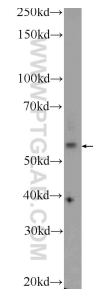
Selected Validation Data



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.