

For Research Use Only

NEUROD2 Monoclonal antibody, PBS Only



Catalog Number: 68284-1-PBS

Basic Information

Catalog Number:

68284-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG26068

GenBank Accession Number:

BC022481

GeneID (NCBI):

4761

UNIPROT ID:

Q15784

Full Name:

neurogenic differentiation 2

Calculated MW:

41 kDa

Observed MW:

41-50 kDa

Purification Method:

Protein G purification

CloneNo.:

2C7B3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, pig

Background Information

NEUROD2 (Neurogenic differentiation factor 2), is transcriptional regulator that regulates early neuronal differentiation during development (PMID: 7754368). NeuroD2 is expressed in the postnatal cortex and mediate the activity-dependent refinement of thalamocortical axon terminals (PMID: 17453014). NeuroD2 is mainly involved in the development of the cerebellar and hippocampal granular neurons, neurons in the basolateral nucleus of amygdala and the hypothalamic-pituitary axis. Mutations in NEUROD2 can cause neurodevelopmental disorders including intellectual disability and autism spectrum disorders (PMID: 34188164).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

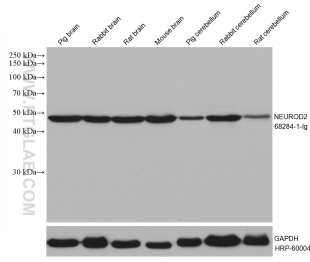
T: 4006900926

E: Proteintech-CN@ptglab.com

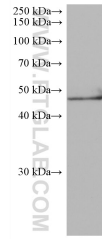
W: ptgcn.com

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 68284-1-Ig (NEUROD2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68284-1-PBS in a different storage buffer formulation.



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 68284-1-Ig (NEUROD2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68284-1-PBS in a different storage buffer formulation.