

DLX5 Monoclonal antibody, PBS Only

Catalog Number: 67111-1-PBS

Basic Information

Catalog Number:

67111-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17040

GenBank Accession Number:

BC006226

GeneID (NCBI):

1749

UNIPROT ID:

P56178

Full Name:

distal-less homeobox 5

Calculated MW:

32 kDa

Observed MW:

33-38 kDa

Purification Method:

Protein A purification

CloneNo.:

1C9G1

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, mouse, rat, pig

Background Information

DLX5 belongs to the DLX family of homeobox transcription factors (Dlx1, Dlx2, Dlx5 and Dlx6), which is expressed in overlapping domains at different stages of cell differentiation in the subpallium and controls differentiation of GABAergic neurons. DLX5 is an immediate early BMP-responsive transcriptional activator that essential for osteoblast differentiation. It can bind to and stimulate the homeodomain-response element of the ALPL and SP7 promoter. DLX5 can form homodimer with DLX2 (~34kd) and heterodimer with MSX2 (~29kd).

Storage

Storage:

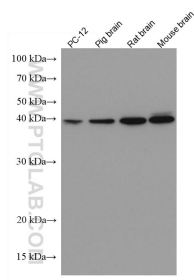
Store at -80°C.

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

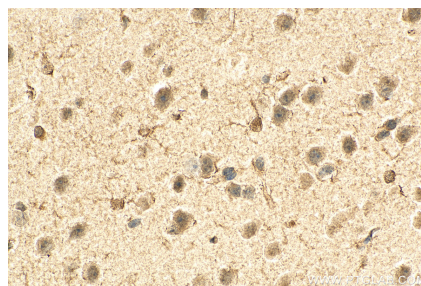
Storage Buffer:

PBS only

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67111-1-Ig (DLX5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67111-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67111-1-Ig (DLX5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67111-1-PBS in a different storage buffer formulation.