

For Research Use Only

DLX5 Monoclonal antibody, PBS Only



Catalog Number: 67111-1-PBS

Basic Information

Catalog Number: 67111-1-PBS	GenBank Accession Number: BC006226	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1749	CloneNo.: 1C9G1
Source: Mouse	UNIPROT ID: P56178	
Isotype: IgG1	Full Name: distal-less homeobox 5	
Immunogen Catalog Number: AG17040	Calculated MW: 32 kDa	
	Observed MW: 33-38 kDa	

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

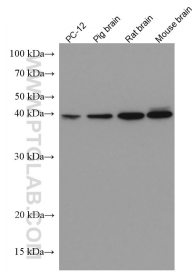
Storage:
Store at -80°C.

Storage Buffer:
PBS only

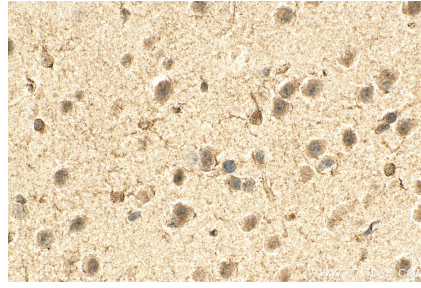
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



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.